

=> d hitstr 1

L12 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN

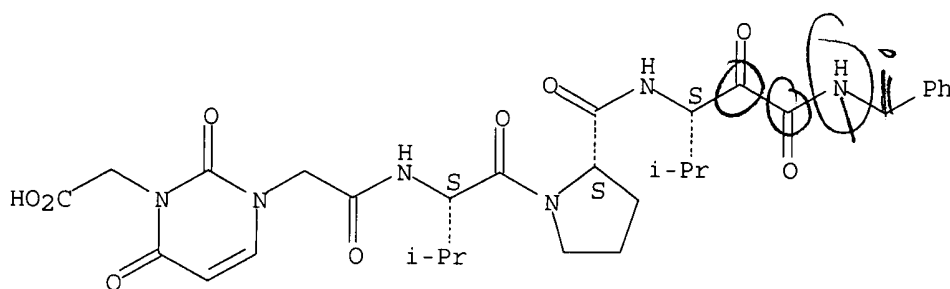
IT 291778-80-8P 291778-97-7P 291779-23-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of proline-contg. peptides, intermediates thereof, and elastase inhibitors)

RN 291778-80-8 CAPLUS

CN L-Prolinamide, N-[[3-(carboxymethyl)-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl]acetyl]-L-valyl-N-[(1S)-1-(1-methylethyl)-2,3-dioxo-3-[(phenylmethyl)amino]propyl]- (9CI) (CA INDEX NAME)

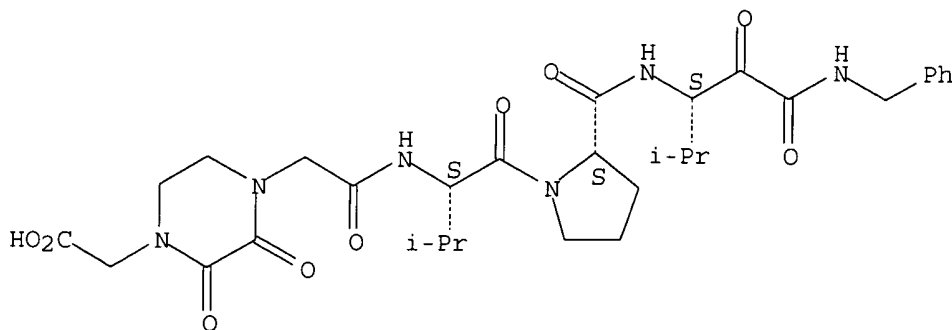
Absolute stereochemistry.



RN 291778-97-7 CAPLUS

CN L-Prolinamide, N-[[4-(carboxymethyl)-2,3-dioxo-1-piperazinyl]acetyl]-L-valyl-N-[(1S)-1-(1-methylethyl)-2,3-dioxo-3-[(phenylmethyl)amino]propyl]- (9CI) (CA INDEX NAME)

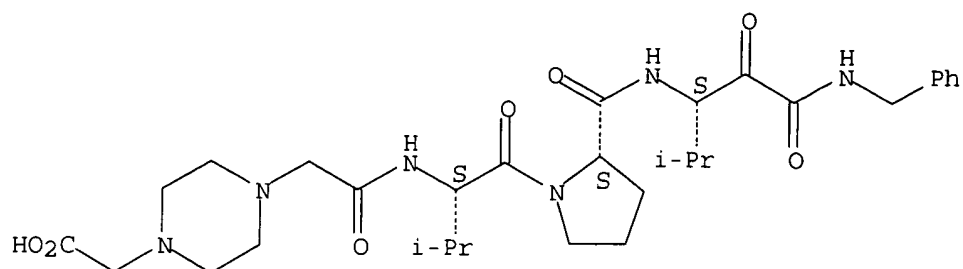
Absolute stereochemistry.



RN 291779-23-2 CAPLUS

CN L-Prolinamide, N-[[4-(carboxymethyl)-1-piperazinyl]acetyl]-L-valyl-N-[(1S)-1-(1-methylethyl)-2,3-dioxo-3-[(phenylmethyl)amino]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 291778-81-9P 291778-98-8P 291779-24-3P

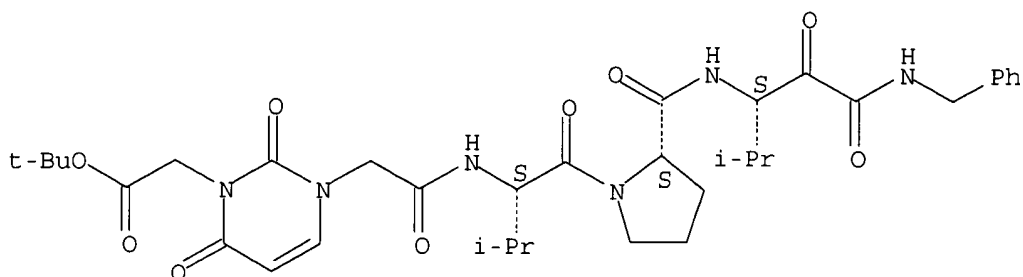
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of proline-contg. peptides, intermediates thereof, and elastase inhibitors)

RN 291778-81-9 CAPLUS

CN L-Prolinamide, N-[[3-[2-(1,1-dimethylethoxy)-2-oxoethyl]-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl]acetyl]-L-valyl-N-[(1S)-1-(1-methylethyl)-2,3-dioxo-3-[(phenylmethyl)amino]propyl]- (9CI) (CA INDEX NAME)

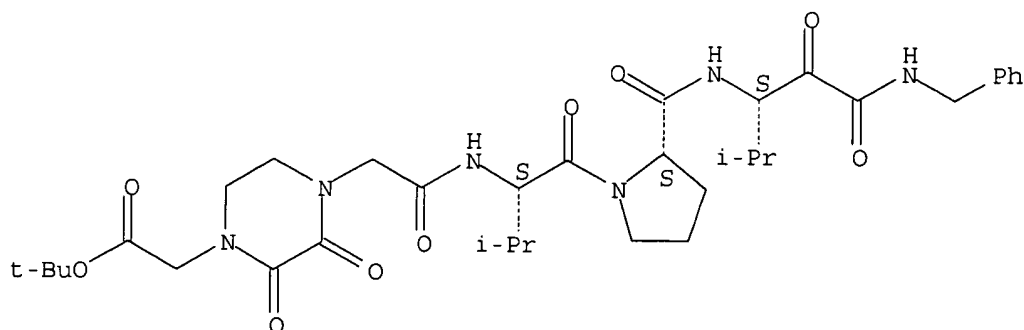
Absolute stereochemistry.



RN 291778-98-8 CAPLUS

CN L-Prolinamide, N-[[4-[2-(1,1-dimethylethoxy)-2-oxoethyl]-2,3-dioxo-1-piperazinyl]acetyl]-L-valyl-N-[(1S)-1-(1-methylethyl)-2,3-dioxo-3-[(phenylmethyl)amino]propyl]- (9CI) (CA INDEX NAME)

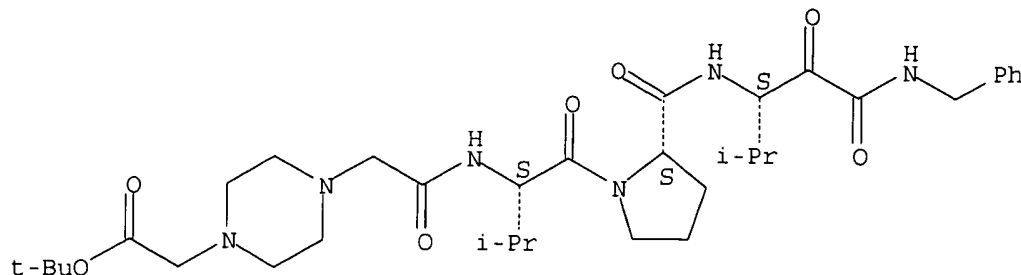
Absolute stereochemistry.



RN 291779-24-3 CAPLUS

CN L-Prolinamide, N-[[4-[2-(1,1-dimethylethoxy)-2-oxoethyl]-1-piperazinyl]acetyl]-L-valyl-N-[(1S)-1-(1-methylethyl)-2,3-dioxo-3-[(phenylmethyl)amino]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib 1

L12 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2000:628158 CAPLUS  
 DN 133:223051  
 TI Preparation of proline-containing peptides, intermediates thereof, and elastase inhibitors  
 IN Sato, Fuminori; Inoue, Yasunao; Omodani, Tomoki; Shiratake, Ryotaro; Honda, Seiji; Komiya, Masanobu; Takemura, Tadashi  
 PA Dainippon Pharmaceutical Co., Ltd., Japan  
 SO PCT Int. Appl., 65 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000052032	A1	20000908	WO 2000-JP1022	20000223 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2000256396	A2	20000919	JP 1999-56052	19990303 <--
EP 1157998	A1	20011128	EP 2000-905282	20000223
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BR 2000008600	A	20011226	BR 2000-8600	20000223
AU 758739	B2	20030327	AU 2000-26902	20000223 <--
AU 2000026902	A5	20000921		
NZ 513594	A	20030429	NZ 2000-513594	20000223
ZA 2001006514	A	20020510	ZA 2001-6514	20010808
PRAI JP 1999-56052	A	19990303		
WO 2000-JP1022	W	20000223		

17/09/200314:26Print selected from Online session

OS MARPAT 133:223051

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.84	534.88
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.51	-33.20

FILE 'STNGUIDE' ENTERED AT 14:11:44 ON 17 SEP 2003  
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 12, 2003 (20030912/UP).

=> d hitstr 2

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN

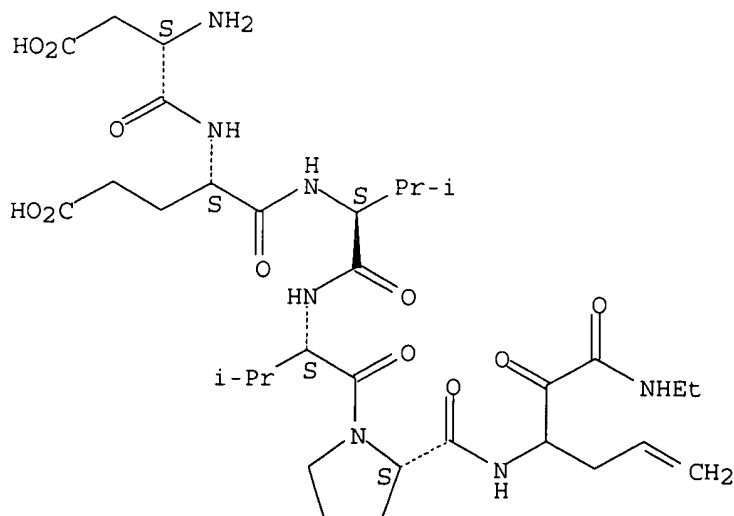
IT 274918-59-1 274918-61-5 274918-62-6

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
(prepn. of peptide-based .alpha.-keto amides, .alpha.-keto esters, and .alpha.-diketones as HCV NS3 protease inhibitors)

RN 274918-59-1 CAPLUS

CN L-Prolinamide, L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-valyl-L-valyl-N-[1-[(ethylamino)oxoacetyl]-3-butenyl]- (9CI) (CA INDEX NAME)

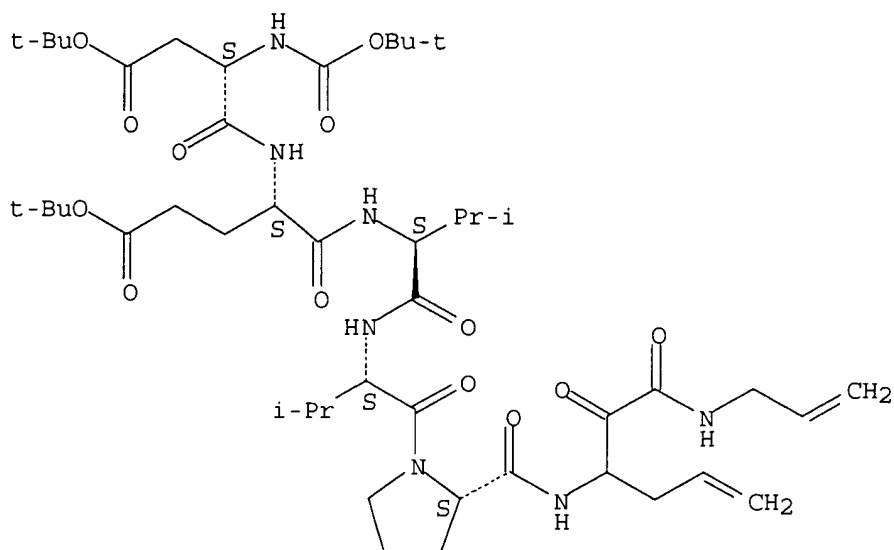
Absolute stereochemistry.



RN 274918-61-5 CAPLUS

CN L-Prolinamide, N-[(1,1-dimethylethoxy)carbonyl]-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-valyl-L-valyl-N-[1-[oxo(2-propenylamino)acetyl]-3-butenyl]-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

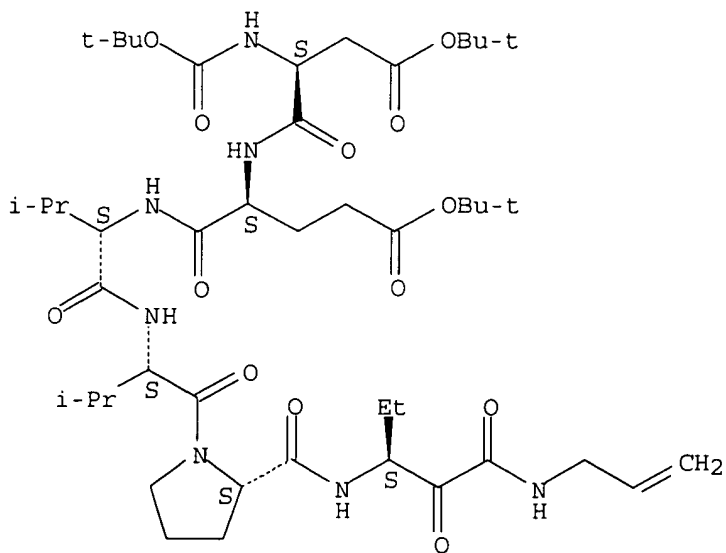
Absolute stereochemistry.



RN 274918-62-6 CAPLUS

CN L-Prolinamide, N-[(1,1-dimethylethoxy)carbonyl]-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-valyl-L-valyl-N-[(1S)-1-ethyl-2,3-dioxo-3-(2-propenylamino)propyl]-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 274918-50-2P 274918-55-7P

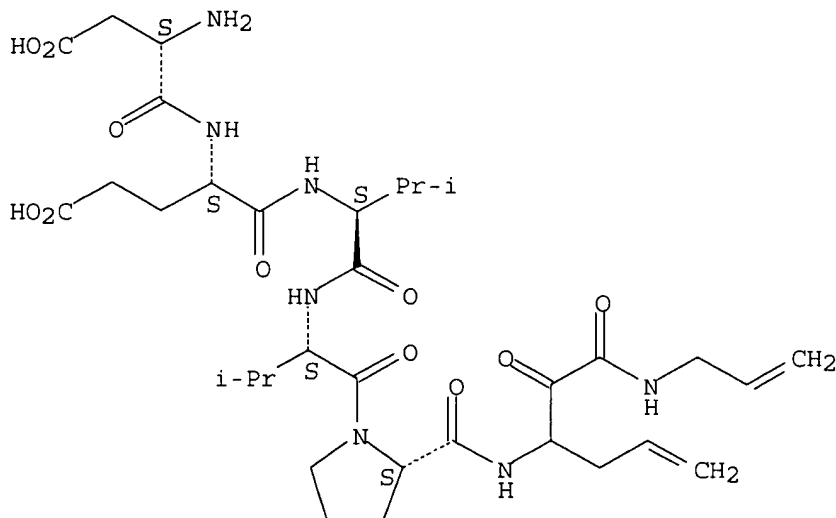
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(prepn. of peptide-based .alpha.-keto amides, .alpha.-keto esters, and .alpha.-diketones as HCV NS3 protease inhibitors)

RN 274918-50-2 CAPLUS

CN L-Prolinamide, L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-valyl-L-valyl-N-[1-oxo(2-propenylamino)acetyl]-3-butenyl]- (9CI) (CA INDEX NAME)

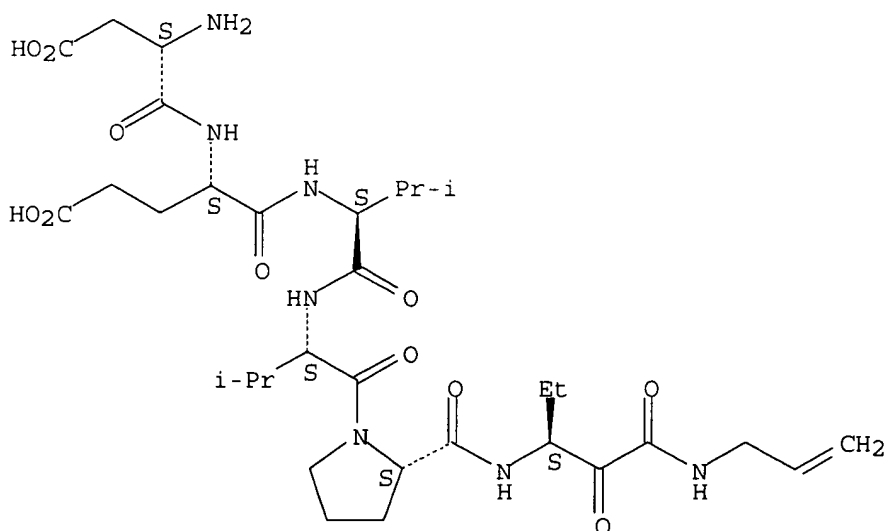
Absolute stereochemistry.



RN 274918-55-7 CAPLUS

CN L-Prolinamide, L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-valyl-L-valyl-N-[(1S)-1-ethyl-2,3-dioxo-3-(2-propenylamino)propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib 2

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2000:269109 CAPLUS  
DN 133:43798  
TI .alpha.-Keto amides, .alpha.-keto esters, and .alpha.-diketones as HCV NS3  
protease inhibitors  
AU Han, Wei; Hu, Zilun; Jiang, Xiangjun; Decicco, Carl P.  
CS Department of Chemical and Physical Sciences, DuPont Pharmaceuticals  
Company, Wilmington, DE, 19880, USA  
SO Bioorganic & Medicinal Chemistry Letters (2000), 10(8), 711-713  
CODEN: BMCLE8; ISSN: 0960-894X  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
OS CASREACT 133:43798  
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d bib 3

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1999:571832 CAPLUS  
DN 131:170645  
TI Preparation of acylated enol derivatives of .alpha.-ketoesters and  
.alpha.-ketoamides as neutrophil-associated inflammation inhibitors  
IN Peet, Norton P.; Burkhart, Joseph P.; Mehdi, Shujaath  
PA Hoechst Marion Roussel, Inc., USA  
SO U.S., 25 pp., Cont. of U.S. Ser. No. 754,081, abandoned.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 5948886	A	19990907	US 1997-978096	19971125 <--
	US 6172044	B1	20010109	US 1999-303965	19990503
PRAI	US 1996-754081	B1	19961120		
	US 1996-31083P	P	19961201		
	US 1997-978096	A1	19971125		
OS	MARPAT 131:170645				
RE.CNT	78	THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> d bib 4

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1999:126925 CAPLUS  
 DN 130:168666  
 TI Preparation of peptide analogs as hepatitis C inhibitors  
 IN Llinas-Brunet, Montse; Bailey, Murray Douglas; Halmos, Teddy; Poupart, Marc-Andre; Tsantrizos, Youla  
 PA Boehringer Ingelheim (Canada) Ltd., Can.  
 SO PCT Int. Appl., 122 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9907734	A2	19990218	WO 1998-CA764	19980810 <--
	WO 9907734	A3	19990520		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9888466	A1	19990301	AU 1998-88466	19980810 <--
	AU 757072	B2	20030130		
	EP 1012180	A2	20000628	EP 1998-939997	19980810 <--
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	US 6143715	A	20001107	US 1998-131433	19980810 <--
	JP 2001512744	T2	20010828	JP 2000-506236	19980810
	NZ 503263	A	20021025	NZ 1998-503263	19980810
	MX 200001491	A	20001110	MX 2000-1491	20000211 <--
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	WO 1998-CA764	W	19980810		
OS	MARPAT 130:168666				

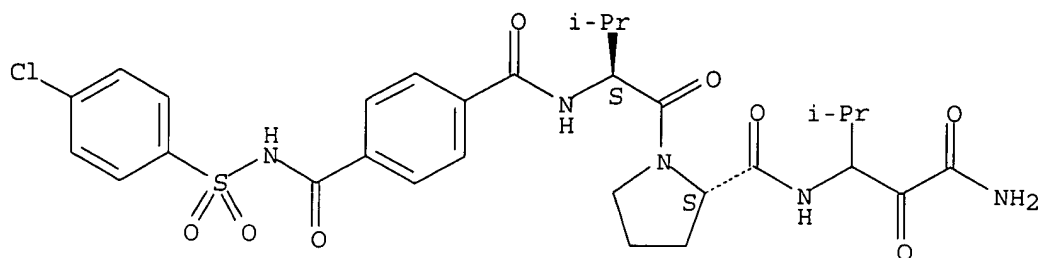
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YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
 IT **192193-38-7P 192193-39-8P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. of ketoester and ketoamide acylated enol derivs. as neutrophil-assocd. inflammation inhibitors)  
 RN 192193-38-7 CAPLUS  
 CN L-Prolinamide, N-[4-[[[(4-chlorophenyl)sulfonyl]amino]carbonyl]benzoyl]-L-valyl-N-[3-amino-1-(1-methylethyl)-2,3-dioxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



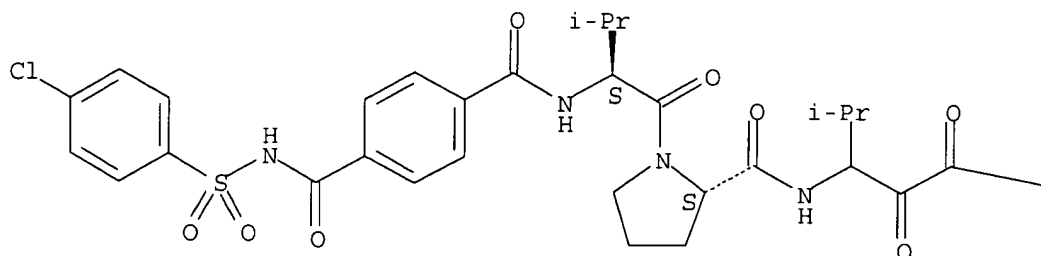


RN 192193-39-8 CAPLUS

CN L-Proteinamide, N-[4-[[[(4-chlorophenyl)sulfonyl]amino]carbonyl]benzoyl]-L-valyl-N-[1-(1-methylethyl)-2,3-dioxo-3-(phenylamino)propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

NHPh

=> d hitstr 4

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN

IT 220440-36-8P 220440-42-6P 220440-45-9P  
220440-48-2P

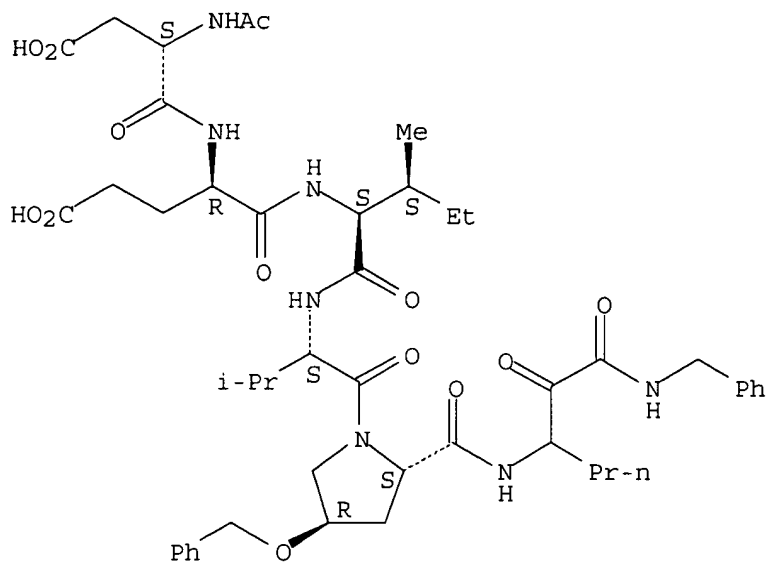
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of peptide analogs as hepatitis C inhibitors)

RN 220440-36-8 CAPLUS

CN L-Proteinamide, N-acetyl-L-.alpha.-aspartyl-D-.alpha.-glutamyl-L-isoleucyl-

L-valyl-N-[1-[oxo[(phenylmethyl)amino]acetyl]butyl]-4-(phenylmethoxy)-,  
(4R)-(9CI) (CA INDEX NAME)

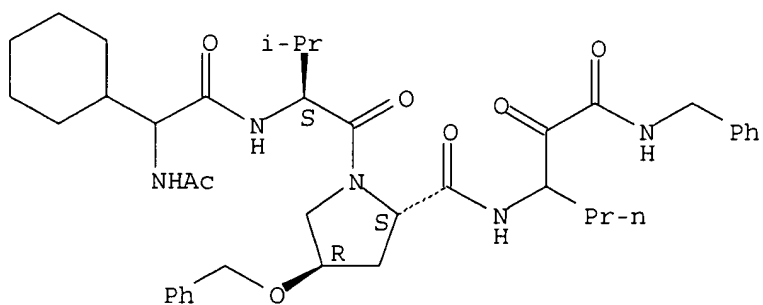
Absolute stereochemistry.



RN 220440-42-6 CAPLUS

CN L-Prolinamide, N-acetyl-2-cyclohexylglycyl-L-valyl-N-[1-[oxo[(phenylmethyl)amino]acetyl]butyl]-4-(phenylmethoxy)-, (4R)-(9CI)  
(CA INDEX NAME)

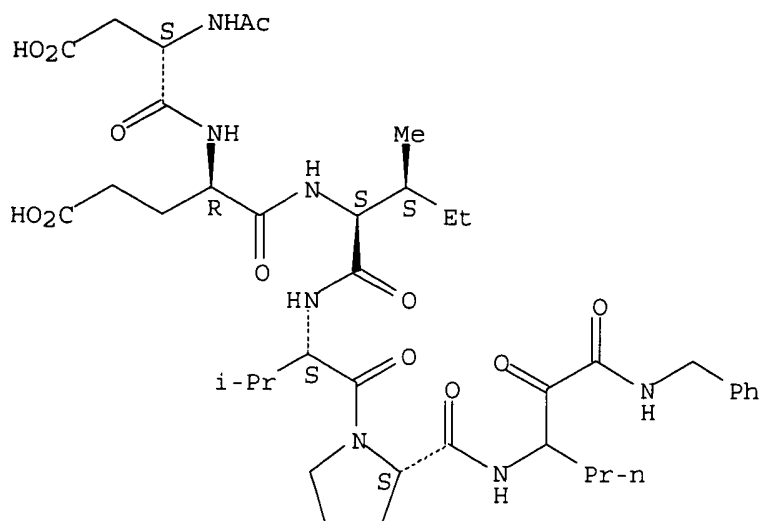
Absolute stereochemistry.



RN 220440-45-9 CAPLUS

CN L-Prolinamide, N-acetyl-L-.alpha.-aspartyl-D-.alpha.-glutamyl-L-isoleucyl-L-valyl-N-[1-[oxo[(phenylmethyl)amino]acetyl]butyl]- (9CI) (CA INDEX NAME)

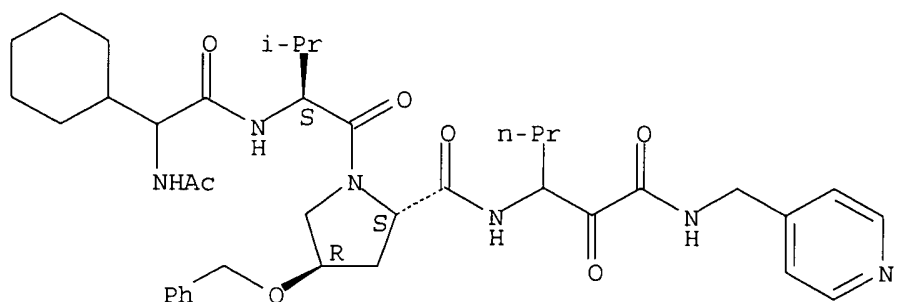
Absolute stereochemistry.



RN 220440-48-2 CAPLUS

CN L-Prolinamide, N-acetyl-2-cyclohexylglycyl-L-valyl-N-[1-[oxo[(4-pyridinylmethyl)amino]acetyl]butyl]-4-(phenylmethoxy)-, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib 5

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:709961 CAPLUS

DN 130:66781

TI Studies on the C-terminal of hexapeptide inhibitors of the hepatitis C virus serine protease

AU Llinas-Brunet, Montse; Bailey, Murray; Ddziel, Robert; Fazal, Gulrez; Gorys, Vida; Goulet, Sylvie; Halmos, Ted; Maurice, Roger; Poirier, Martin; Poupart, Marc-Andre; Rancourt, Jean; Thibeault, Diane; Wernic, Dominik; Lamarre, Daniel

CS Bio-Mega Research Division, Boehringer Ingelheim (Canada) Ltd., Laval, H7S 2G5, Can.

SO Bioorganic & Medicinal Chemistry Letters (1998), 8(19),  
2719-2724  
CODEN: BMCLE8; ISSN: 0960-894X  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d bib 6

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1998:268513 CAPLUS  
DN 128:321945  
TI Preparation of peptide analogs as inhibitors of serine proteases,  
particularly hepatitis C virus NS3 protease  
IN Tung, Roger D.; Harbeson, Scott L.; Deininger, David D.; Murcko, Mark A.;  
Bhisetti, Govinda Rao; Farmer, Luc J.  
PA Vertex Pharmaceuticals Inc., USA; Tung, Roger D.; Harbeson, Scott L.;  
Deininger, David D.; Murcko, Mark A.; Bhisetti, Govinda Rao; Farmer, Luc  
J.  
SO PCT Int. Appl., 128 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817679	A1	19980430	WO 1997-US18968	19971017 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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AU 719984	B2	20000518		
EP 932617	A1	19990804	EP 1997-946273	19971017 <--
EP 932617	B1	20020116		
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JP 2001502694	T2	20010227	JP 1998-519568	19971017
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NO 9901832	A	19990617	NO 1999-1832	19990416 <--
US 6265380	B1	20010724	US 1999-293247	19990416
KR 2000049263	A	20000725	KR 1999-703372	19990417 <--
HK 1023779	A1	20020927	HK 2000-100690	20000203
US 2002032175	A1	20020314	US 2001-875390	20010606
US 6617309	B2	20030909		
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EP 1997-946273	A3	19971017		
WO 1997-US18968	W	19971017		
US 1999-293247	A	19990416		

OS MARPAT 128:321945

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN

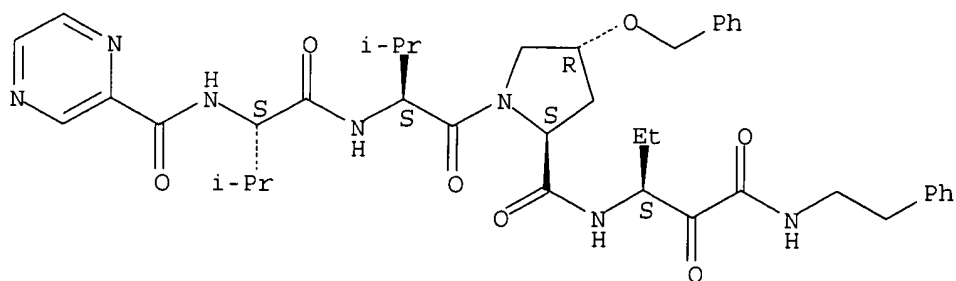
IT **207001-60-3P 207001-61-4P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(prepn. of peptide analogs as hepatitis C virus NS3 protease inhibitors)

RN 207001-60-3 CAPLUS

CN L-Prolinamide, N-(pyrazinylcarbonyl)-L-valyl-L-valyl-N-[(1S)-1-ethyl-2,3-dioxo-3-[(2-phenylethyl)amino]propyl]-4-(phenylmethoxy)-, (4R)- (9CI) (CA INDEX NAME)

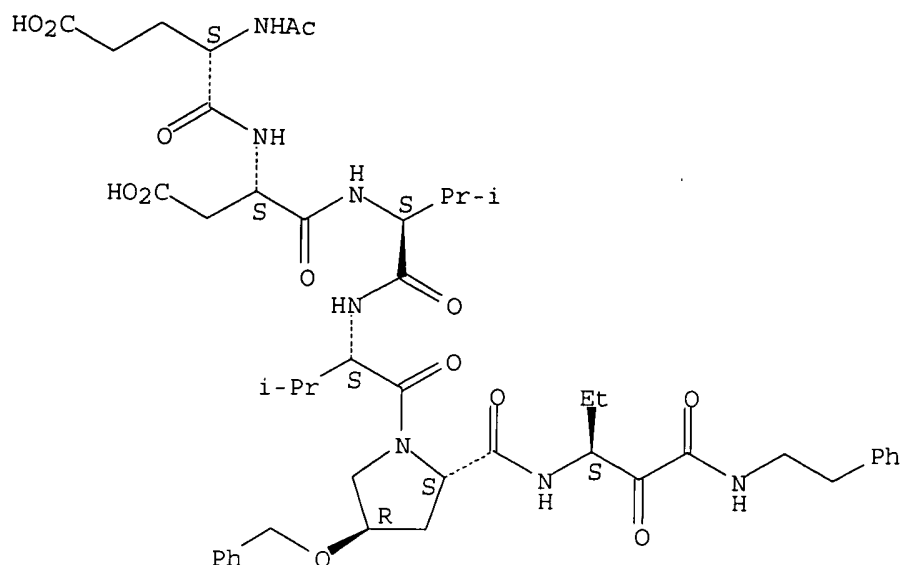
Absolute stereochemistry.



RN 207001-61-4 CAPLUS

CN L-Prolinamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-aspartyl-L-valyl-L-valyl-N-[(1S)-1-ethyl-2,3-dioxo-3-[(2-phenylethyl)amino]propyl]-4-(phenylmethoxy)-, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib 7

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1997:636187 CAPLUS  
 DN 127:293640  
 TI Preparation of peptidyl .alpha.-ketoamide derivatives as inhibitors of thrombosis  
 IN Abelman, Matthew M.; Pearson, Daniel A.; Vlasuk, George P.; Webb, Thomas R.  
 PA Corvas International, Inc., USA  
 SO U.S., 116 pp., Cont.-in-part of U.S. Ser. No. 37,574.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5670479	A	19970923	US 1994-218329	19940325 <--
	US 5656600	A	19970812	US 1993-37574	19930325 <--
	CA 2158989	AA	19940929	CA 1994-2158989	19940325 <--
PRAI	US 1993-37574		19930325		
OS	MARPAT 127:293640				

=> d hitstr 7

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
 IT 166247-65-0P 166247-66-1P 166247-67-2P

166247-68-3P 166247-69-4P 166247-70-7P

166247-71-8P 166247-72-9P 166247-75-2P

166247-76-3P

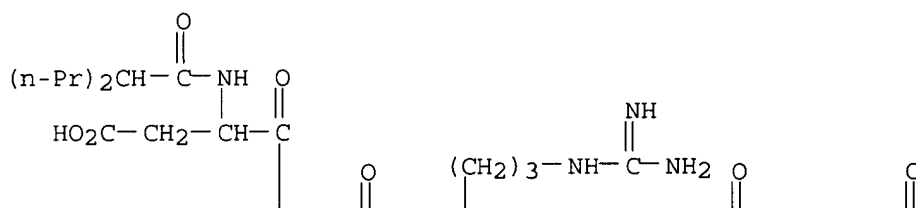
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(peptidyl ketoamide derivs. as inhibitors of thrombosis)

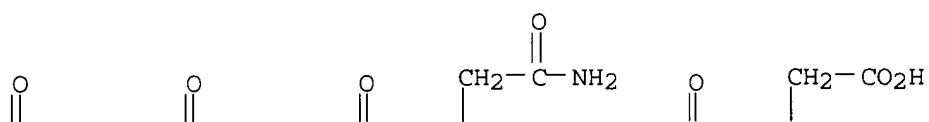
RN 166247-65-0 CAPLUS

CN L-Leucine, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-asparaginyglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-tyrosyl- (9CI) (CA INDEX NAME)

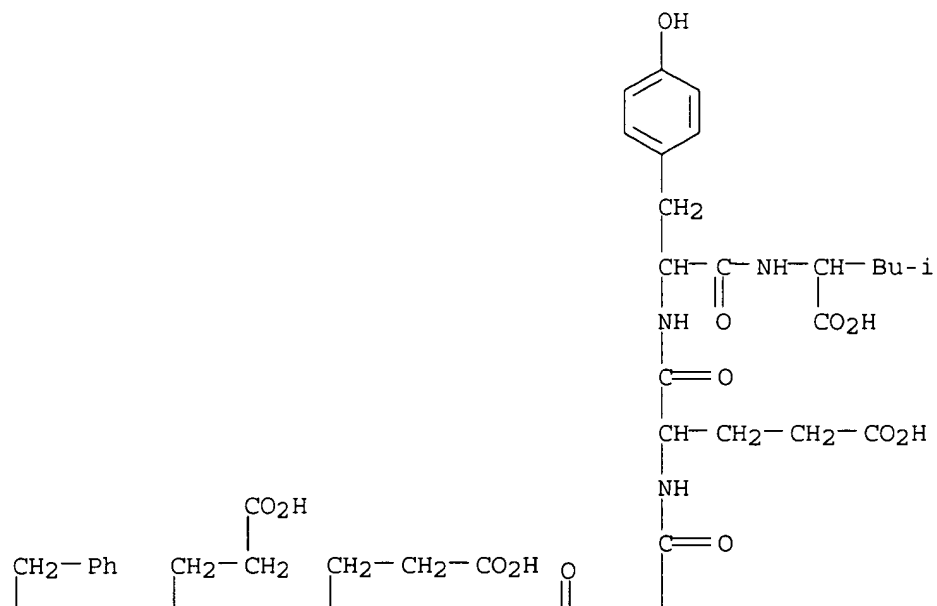
PAGE 1-A



PAGE 1-B

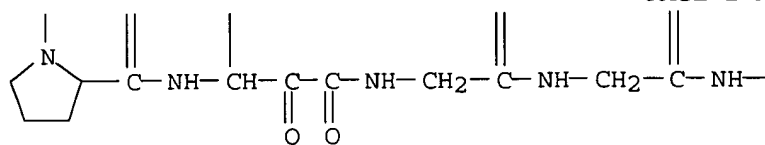


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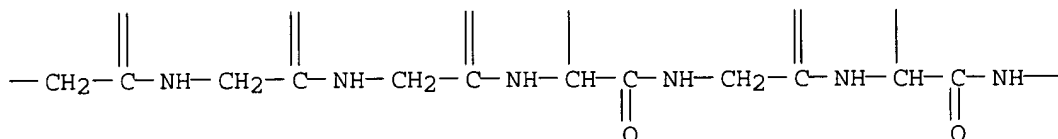




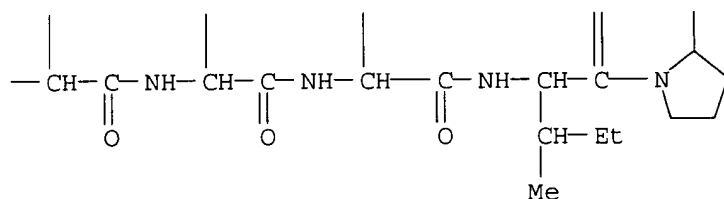
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PAGE 2-B



PAGE 2-C

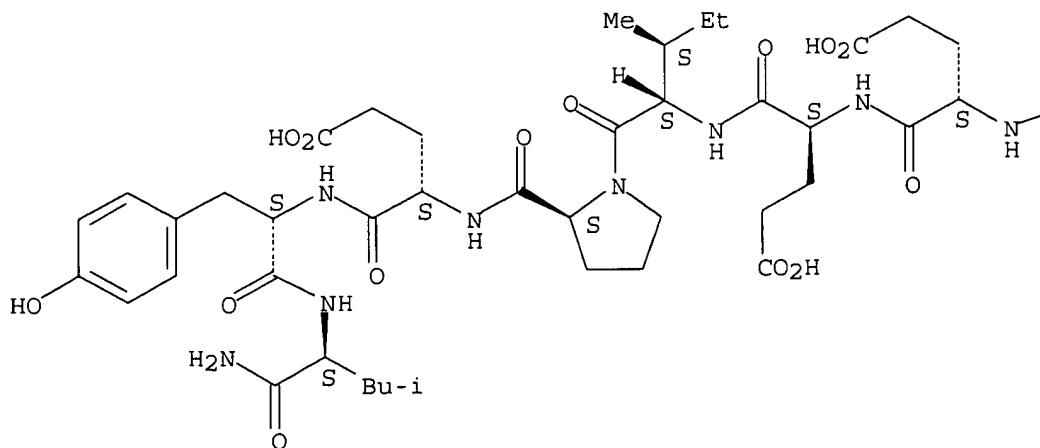


RN 166247-66-1 CAPLUS

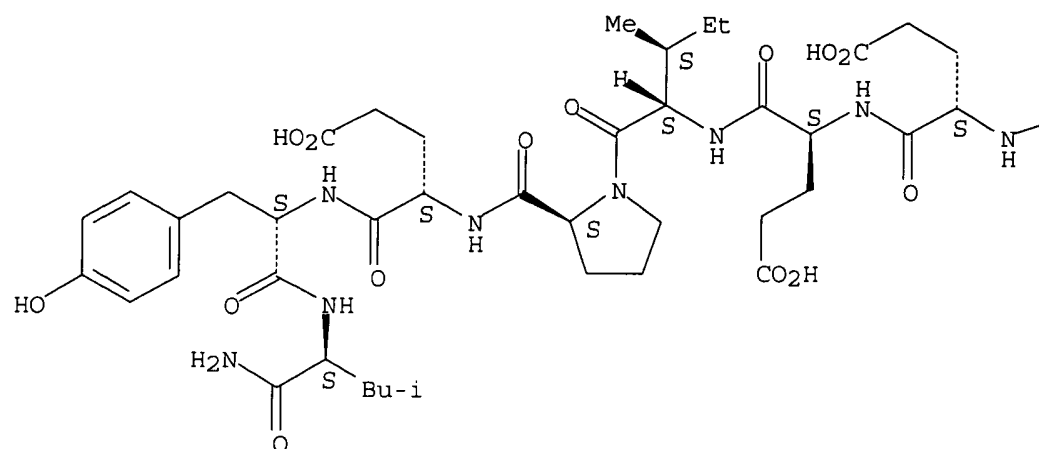
CN L-Leucinamide, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-asparaginyglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

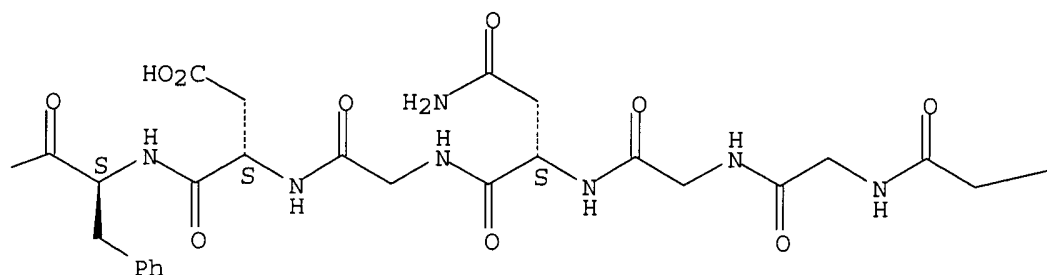
PAGE 1-A



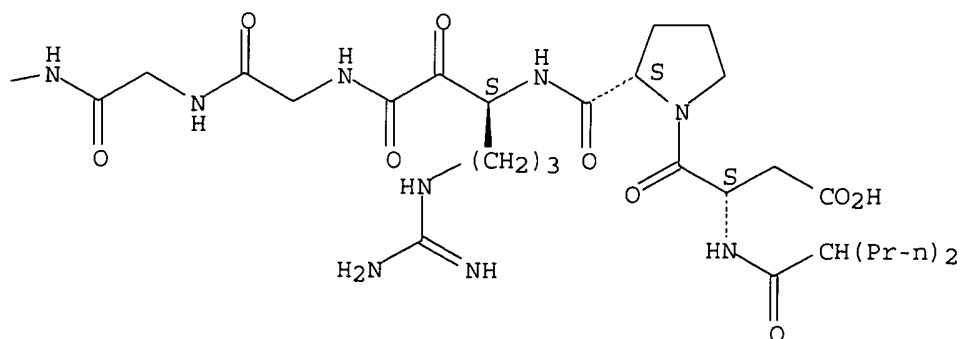
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PAGE 1-B



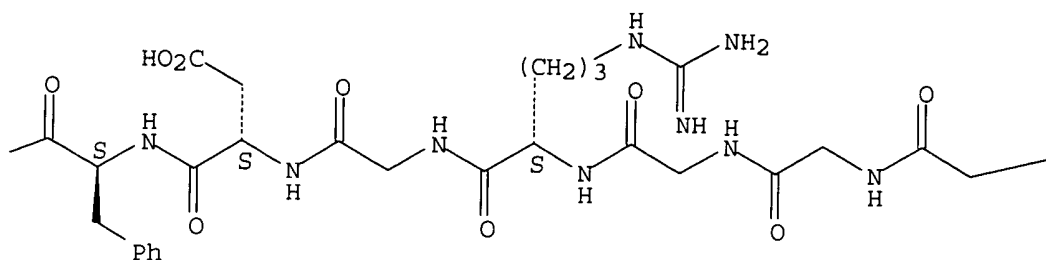
PAGE 1-C



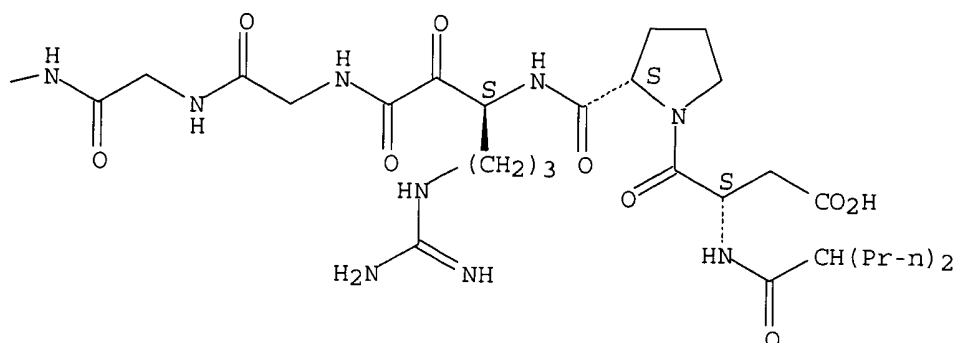
Absolute stereochemistry.

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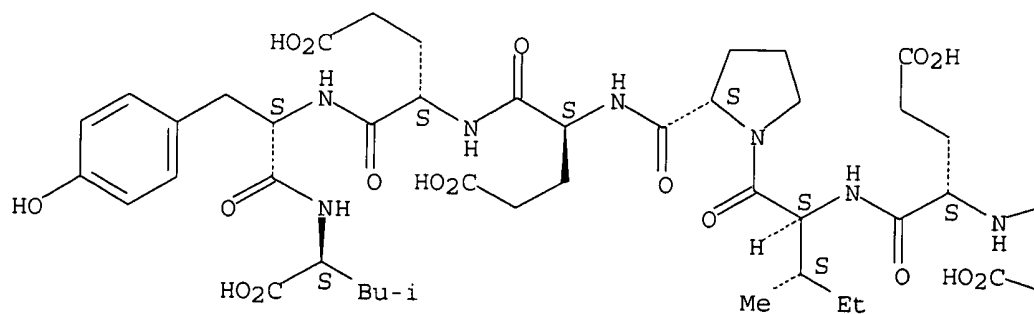
PAGE 1-C



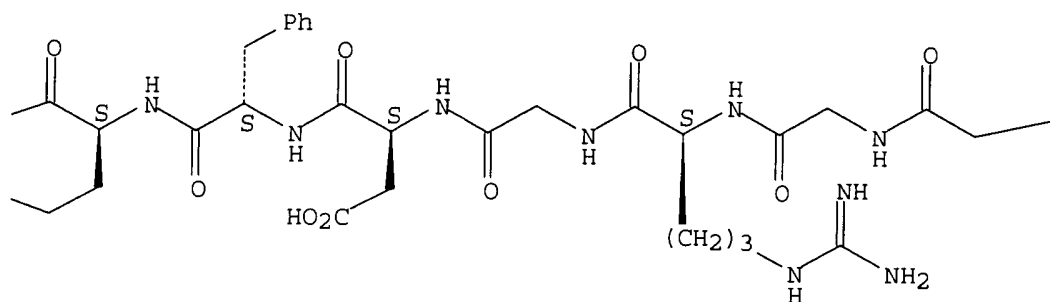
CN L-Leucine, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-arginylglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

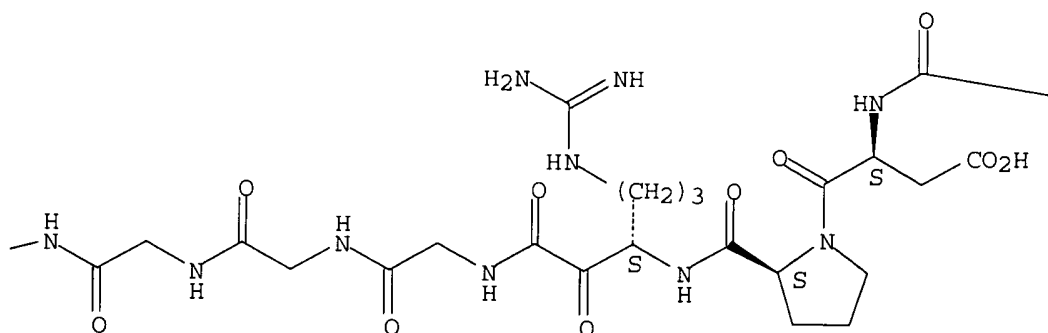
PAGE 1-A



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PAGE 1-D

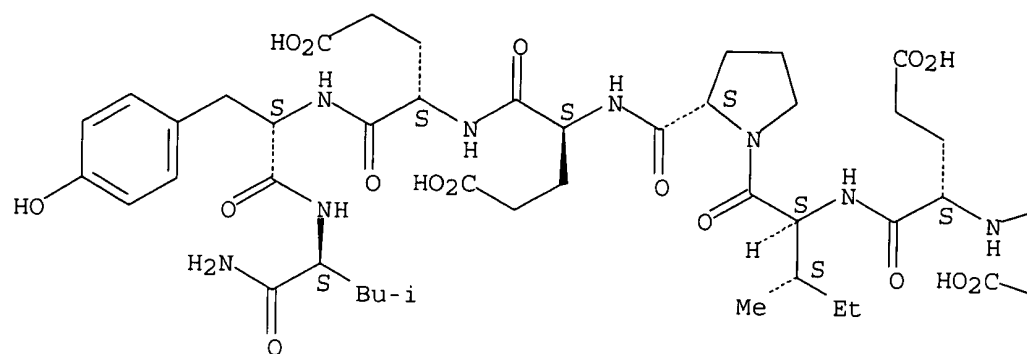
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RN 166247-70-7 CAPLUS

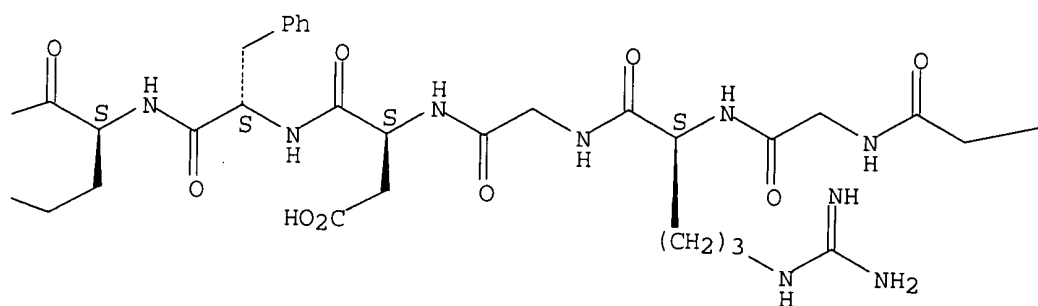
CN L-Leucinamide, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-arginylglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoileucyl-L-prolyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

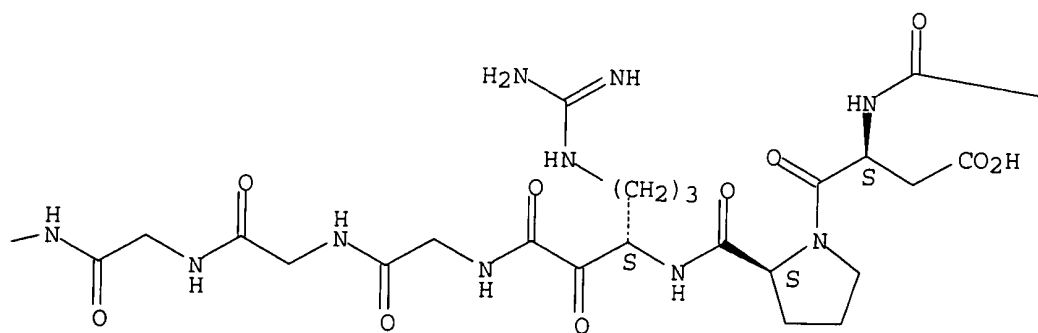
PAGE 1-A



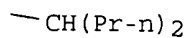
PAGE 1-B



PAGE 1-C



PAGE 1-D

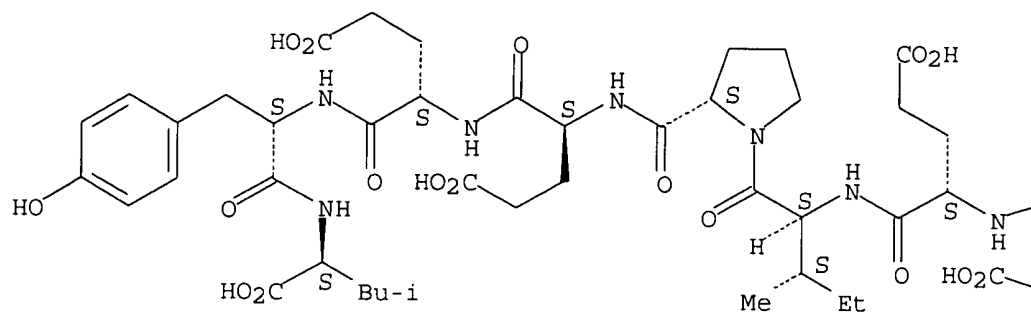


RN 166247-71-8 CAPLUS

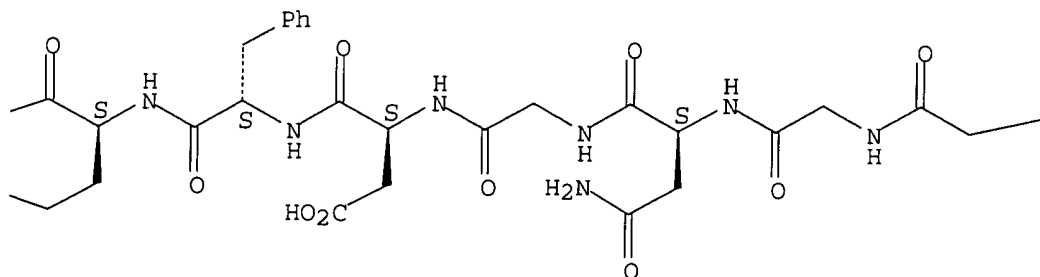
CN L-Leucine, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-asparaginylglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

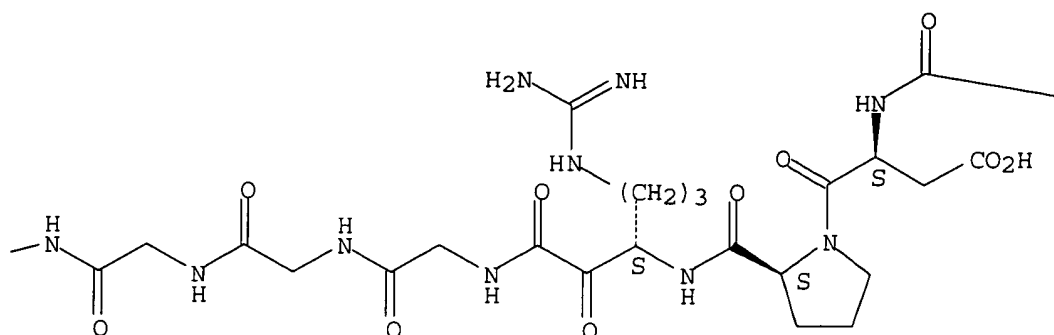


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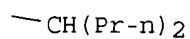




PAGE 1-C



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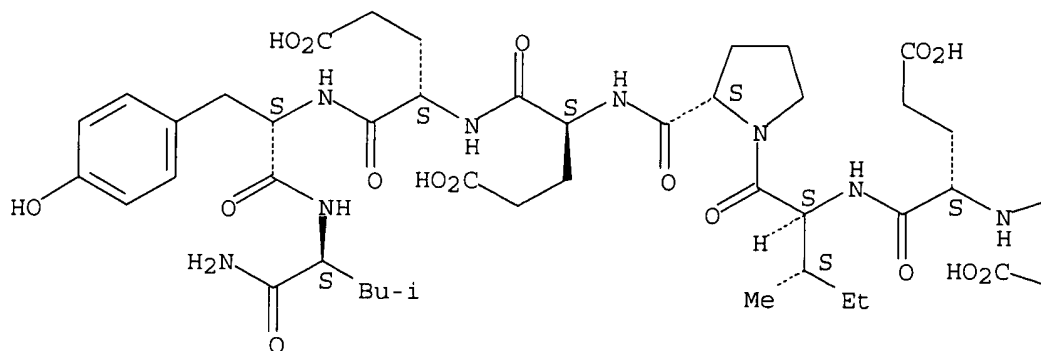


RN 166247-72-9 CAPLUS

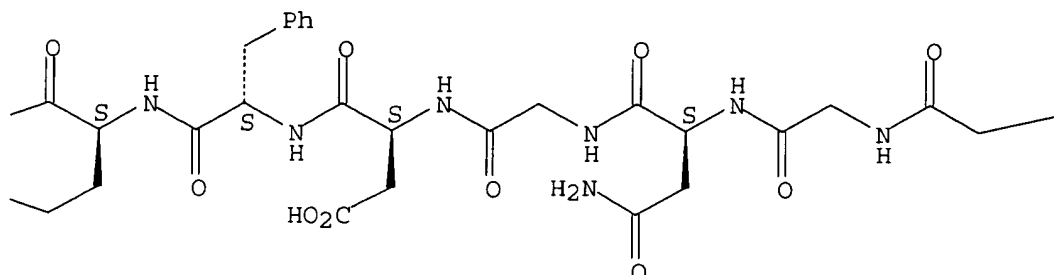
CN L-Leucinamide, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-asparaginylglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

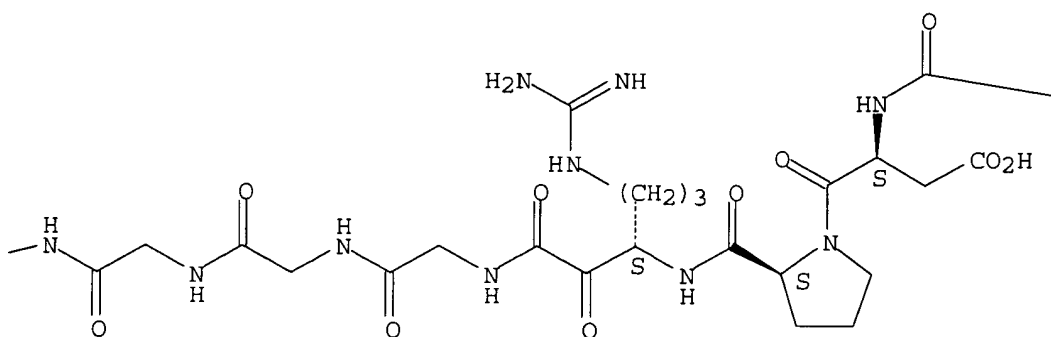
PAGE 1-A



PAGE 1-B



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PAGE 1-D

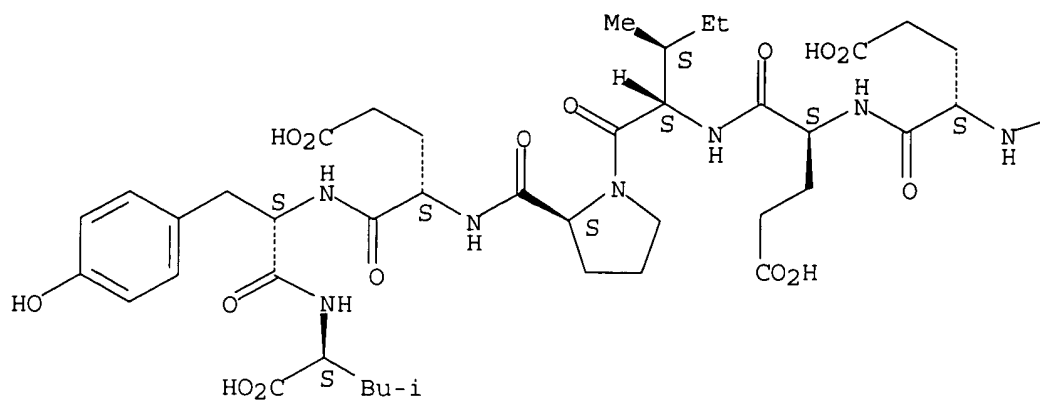
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RN 166247-75-2 CAPLUS

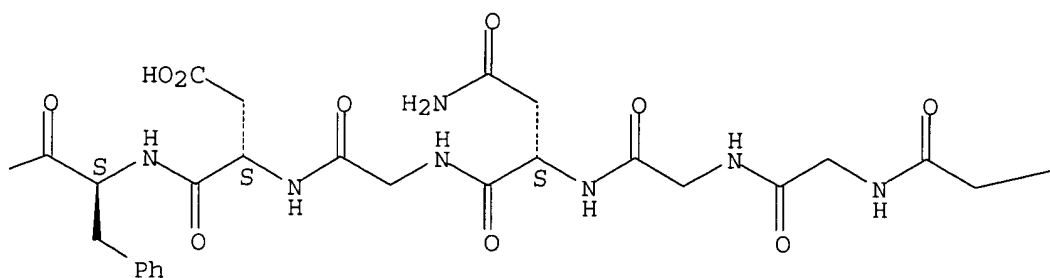
CN L-Leucine, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-asparaginylglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-tyrosyl-, 1-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

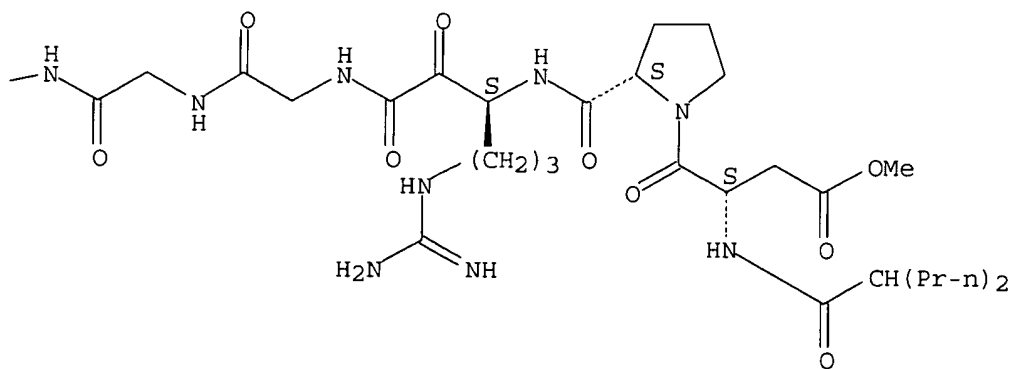
PAGE 1-A



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PAGE 1-C

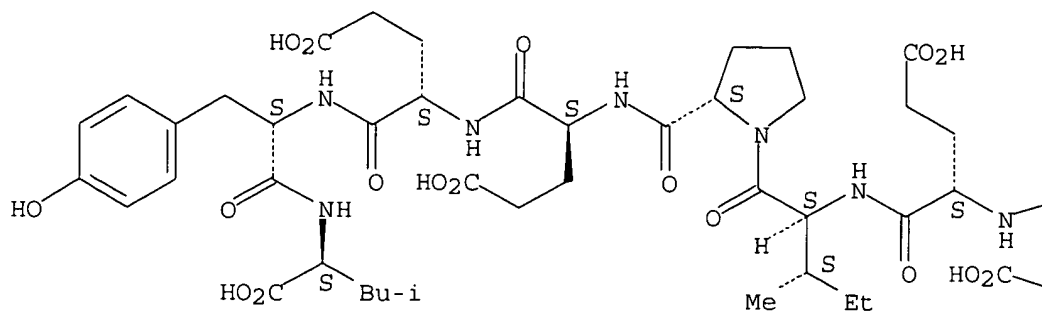


RN 166247-76-3 CAPLUS

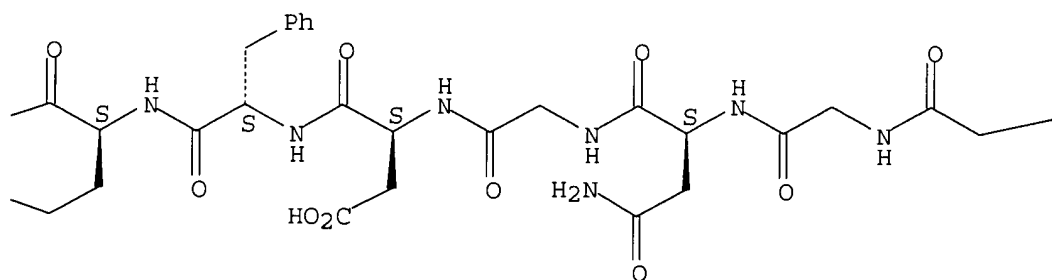
CN L-Leucine, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycyl-L-asparaginylglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-tyrosyl-, 1-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

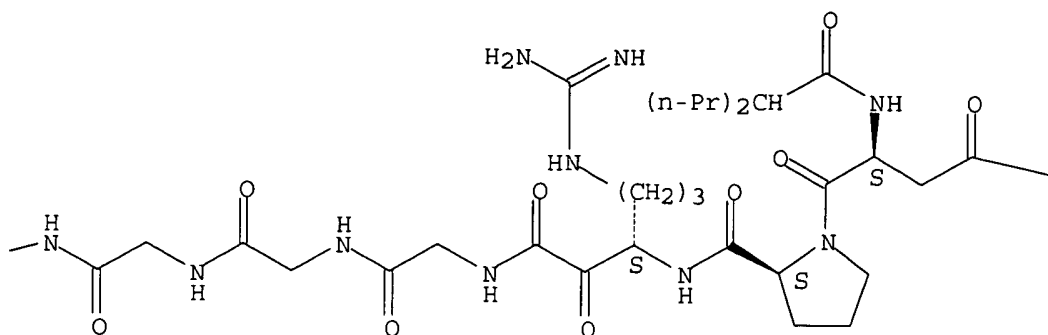
PAGE 1-A



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PAGE 1-C



PAGE 1-D

OMe

=> d bib 8  
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1997:491631 CAPLUS  
DN 127:95620  
TI Preparation of acylated enol derivatives of .alpha.-ketoesters and  
.alpha.-ketoamides as neutrophil-associated inflammation inhibitors  
IN Peet, Norton P.; Burkhart, Joseph P.; Mehdi, Shujaath  
PA Hoechst Marion Roussel, Inc., USA  
SO PCT Int. Appl., 81 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9720856	A1	19970612	WO 1996-US17752	19961104 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2239159	AA	19970612	CA 1996-2239159	19961104 <--
CA 2239159	C	20020910		

AU 9676697	A1	19970627	AU 1996-76697	19961104 <--
AU 705819	B2	19990603		
EP 863915	A1	19980916	EP 1996-939555	19961104 <--
EP 863915	B1	20000202		
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CN 1203602	A	19981230	CN 1996-198733	19961104 <--
AT 189457	E	20000215	AT 1996-939555	19961104 <--
JP 2000502073	T2	20000222	JP 1997-521265	19961104 <--
ES 2144788	T3	20000616	ES 1996-939555	19961104 <--
ZA 9609889	A	19970617	ZA 1996-9889	19961125 <--
TW 419482	B	20010121	TW 1996-85114600	19961126
NO 9802467	A	19980803	NO 1998-2467	19980529 <--
PRAI US 1995-566196	A	19951201		
WO 1996-US17752	W	19961104		
OS	MARPAT 127:95620			

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YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN

IT **192193-38-7P 192193-39-8P**

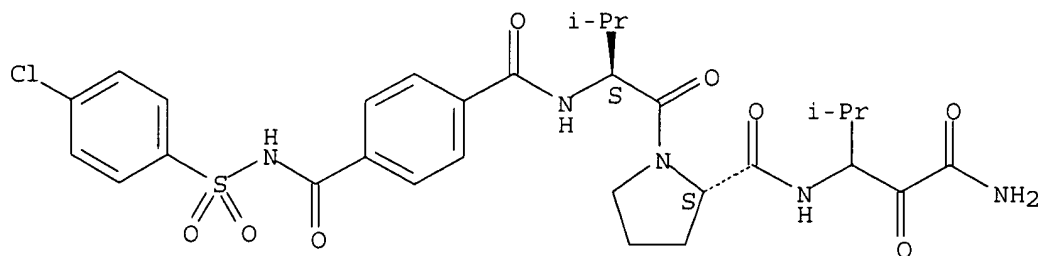
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of ketoester and ketoamide acylated enol derivs. as neutrophil-assocd. inflammation inhibitors)

RN 192193-38-7 CAPLUS

CN L-Prolinamide, N-[4-[[[(4-chlorophenyl)sulfonyl]amino]carbonyl]benzoyl]-L-valyl-N-[3-amino-1-(1-methylethyl)-2,3-dioxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

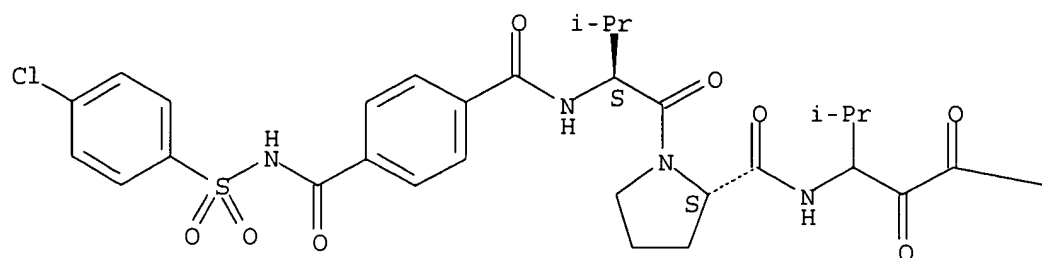


RN 192193-39-8 CAPLUS

CN L-Prolinamide, N-[4-[[[(4-chlorophenyl)sulfonyl]amino]carbonyl]benzoyl]-L-valyl-N-[1-(1-methylethyl)-2,3-dioxo-3-(phenylamino)propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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NHPh

=> d bib 9

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1997:102091 CAPLUS  
 DN 126:199831  
 TI N-sulfonylarginine keto-amide compounds with antithrombotic activity  
 IN Webb, Thomas R.; Miller, Todd A.; Vlasuk, George P.; Abelman, Matthew M.  
 PA Corvas International, Inc., USA  
 SO U.S., 76 pp., Cont.-in-part of U.S. 5,371,072.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5597804	A	19970128	US 1993-139300	19931018 <--
	US 5371072	A	19941206	US 1992-962301	19921016 <--
	AT 178044	E	19990415	AT 1993-924369	19931018 <--
	US 5869454	A	19990209	US 1995-462899	19950605 <--
PRAI	US 1992-962301		19921016		
	US 1993-139300		19931018		
OS	MARPAT 126:199831				

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YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:n

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YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN

IT 159945-69-4P 159945-71-8P 159945-75-2P

159945-78-5P 159945-82-1P 159946-33-5P

187740-90-5P

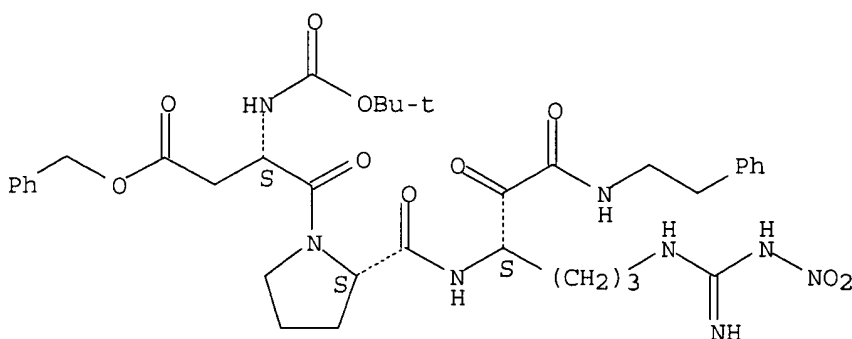
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate in prepn. of antithrombotic sulfonylarginine-contg. keto amide peptides)

RN 159945-69-4 CAPLUS

CN L-Prolinamide, N-[(1,1-dimethylethoxy)carbonyl]-L-.alpha.-aspartyl-N-[4-[[imino(nitroamino)methyl]amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, phenylmethyl ester, (S)- (9CI) (CA INDEX NAME)

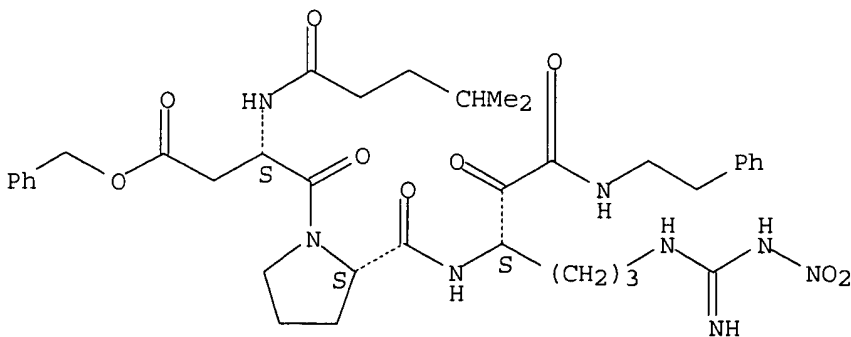
Absolute stereochemistry.



RN 159945-71-8 CAPLUS

CN L-Prolinamide, N-(4-methyl-1-oxopentyl)-L-.alpha.-aspartyl-N-[4-[[imino(nitroamino)methyl]amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, phenylmethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

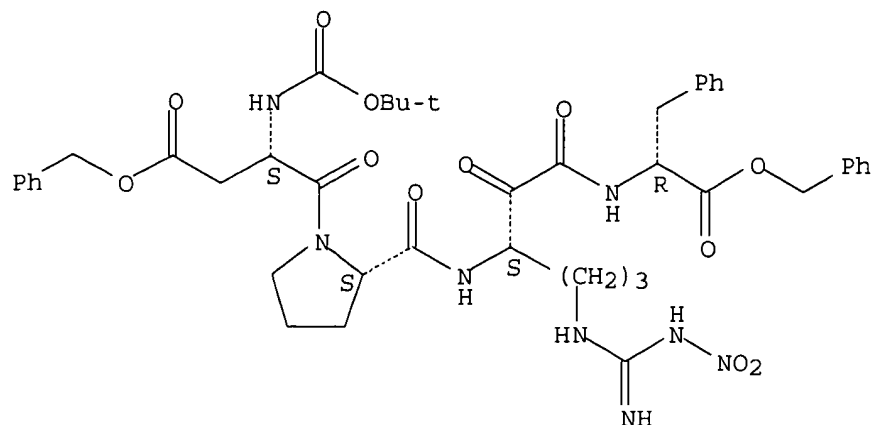


RN 159945-75-2 CAPLUS

CN L-Prolinamide, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-N-[4-[[imino(nitroamino)methyl]amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, phenylmethyl ester, (S)- (9CI) (CA INDEX NAME)



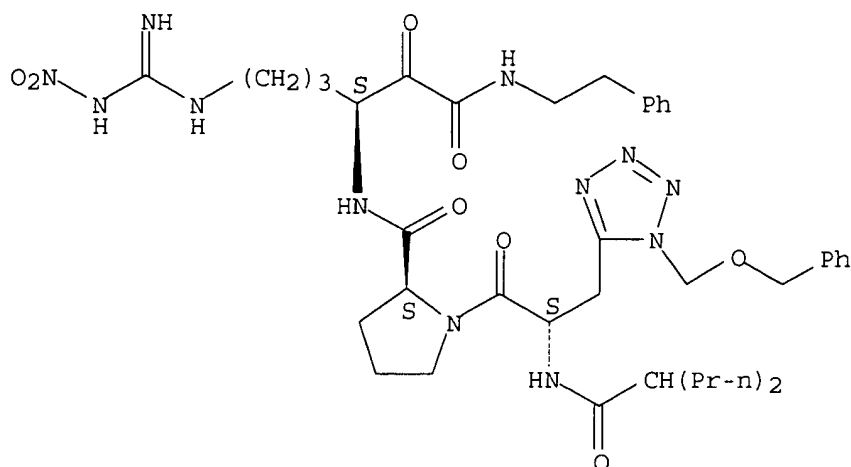




RN 159946-33-5 CAPLUS

CN L-Prolinamide, N-(1-oxo-2-propylpentyl)-3-[1-[(phenylmethoxy)methyl]-1H-tetrazol-5-yl]-L-alanyl-N-[4-[[imino(nitroamino)methyl]amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

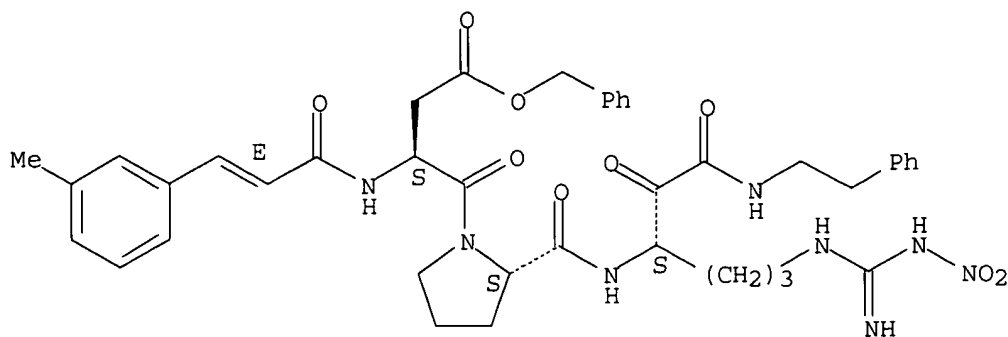


RN 187740-90-5 CAPLUS

CN L-Prolinamide, N-[(2E)-3-(3-methylphenyl)-1-oxo-2-propenyl]-L-.alpha.-aspartyl-N-[(1S)-4-[[imino(nitroamino)methyl]amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



IT 159945-27-4P 159945-28-5P 159945-29-6P  
159945-31-0P 159946-18-6P 159946-39-1P  
187741-29-3P 187741-30-6P

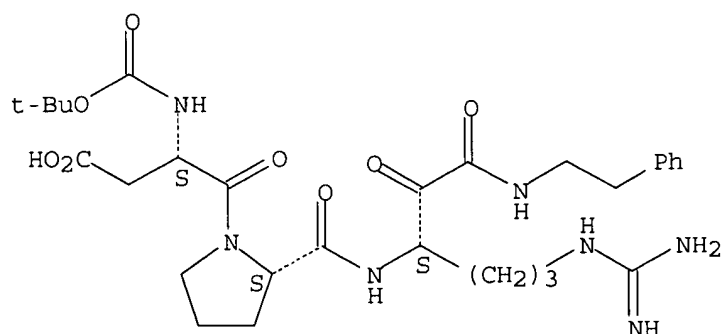
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of antithrombotic sulfonylarginine-contg. keto amide peptides)

RN 159945-27-4 CAPLUS

CN L-Prolinamide, N-[(1,1-dimethylethoxy)carbonyl]-L-.alpha.-aspartyl-N-[4-[(aminoiminomethyl)amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, (S)-(9CI) (CA INDEX NAME)

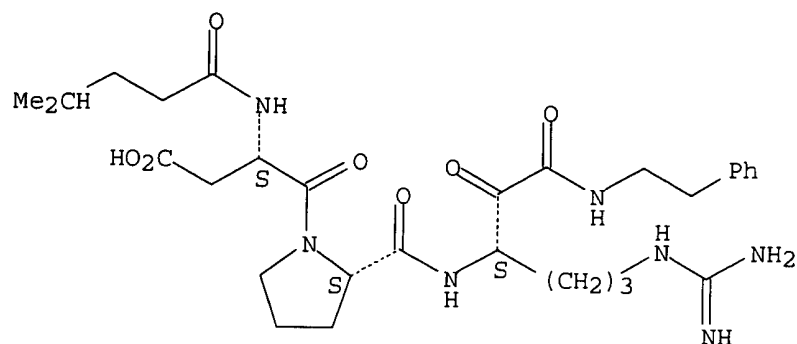
Absolute stereochemistry.



RN 159945-28-5 CAPLUS

CN L-Prolinamide, N-(4-methyl-1-oxopentyl)-L-.alpha.-aspartyl-N-[4-[(aminoiminomethyl)amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, (S)-(9CI) (CA INDEX NAME)

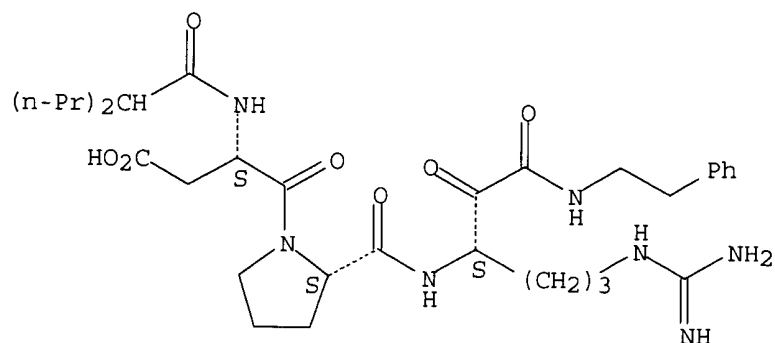
Absolute stereochemistry.



RN 159945-29-6 CAPLUS

CN L-Prolineamide, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-N-[4-[(aminoiminomethyl)amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, (S)-(9CI) (CA INDEX NAME)

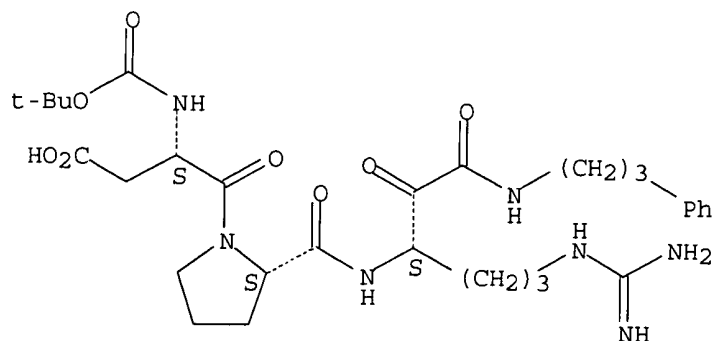
Absolute stereochemistry.



RN 159945-31-0 CAPLUS

CN L-Prolineamide, N-[(1,1-dimethylethoxy)carbonyl]-L-.alpha.-aspartyl-N-[4-[(aminoiminomethyl)amino]-1-[oxo[(3-phenylpropyl)amino]acetyl]butyl]-, (S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

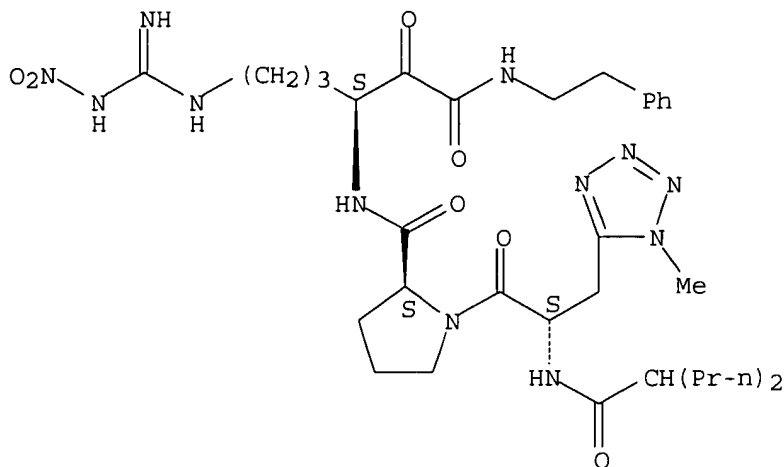


RN 159946-18-6 CAPLUS

CN L-Prolineamide, 3-(1-methyl-1H-tetrazol-5-yl)-N-(1-oxo-2-propylpentyl)-L-

alanyl-N-[4-[[imino(nitroamino)methyl]amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, (S)- (9CI) (CA INDEX NAME)

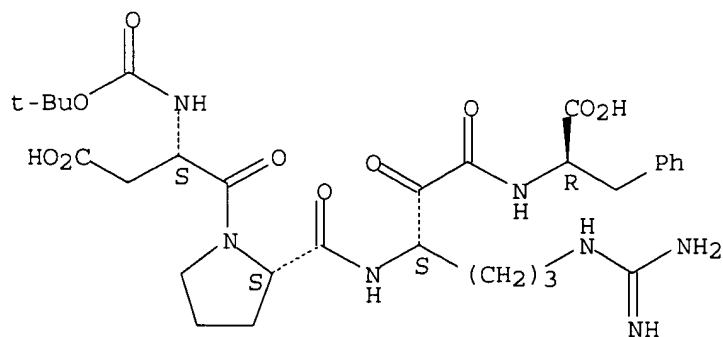
Absolute stereochemistry.



RN 159946-39-1 CAPLUS

CN D-Phenylalanine, N-[(1,1-dimethylethoxy)carbonyl]-L-.alpha.-aspartyl-L-prolyl-(3S)-3-amino-6-[(aminoiminomethyl)amino]-2-oxohexanoyl- (9CI) (CA INDEX NAME)

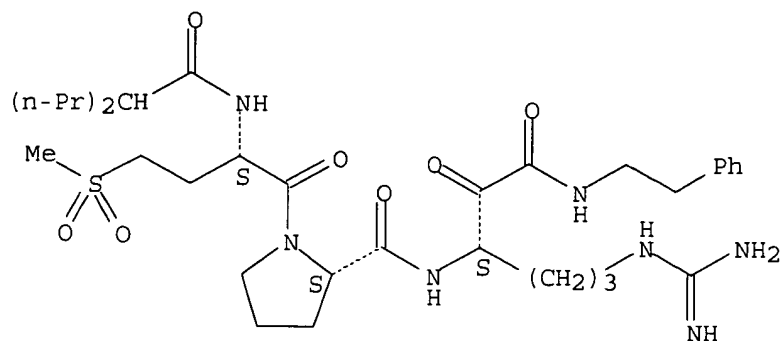
Absolute stereochemistry.



RN 187741-29-3 CAPLUS

CN 2-Pyrrolidinecarboxamide, N-[4-[(aminoiminomethyl)amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-1-[4-(methylsulfonyl)-1-oxo-2-[(1-oxo-2-propylpentyl)amino]butyl]-, [2S-[1(R\*),2R\*(R\*)]]- (9CI) (CA INDEX NAME)

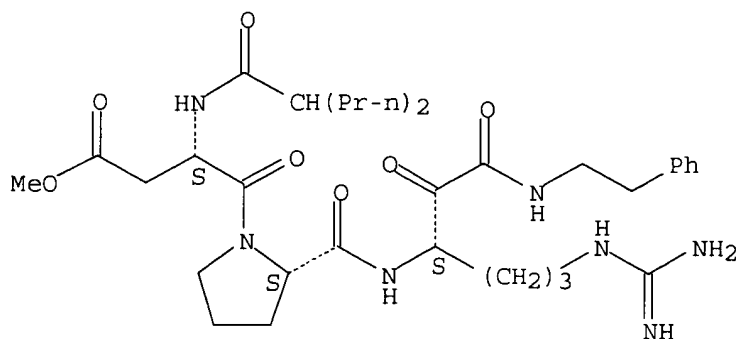
Absolute stereochemistry.



RN 187741-30-6 CAPLUS

CN L-Prolinamide, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-N-[(1S)-4-[(aminoiminomethyl)amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 187740-91-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

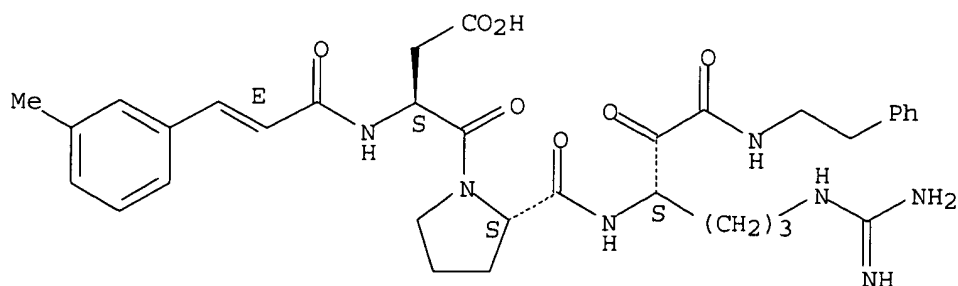
(prepn. of antithrombotic sulfonylarginine-contg. keto amide peptides)

RN 187740-91-6 CAPLUS

CN L-Prolinamide, N-[(2E)-3-(3-methylphenyl)-1-oxo-2-propenyl]-L-.alpha.-aspartyl-N-[(1S)-4-[(aminoiminomethyl)amino]-1-[oxo[(2-phenylethyl)amino]acetyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



=> d bib 10

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1996:592180 CAPLUS  
DN 125:301554  
TI Poststatin, a new inhibitor of prolyl endopeptidase. V. Endopeptidase  
inhibitory activity of poststatin analogs  
AU Tsuda, Makoto; Muraoka, Yasuhiko; Nagai, Machiko; Aoyagi, Takaaki;  
Takeuchi, Tomio  
CS Inst. Microbial Chem., Tokyo, 141, Japan  
SO Journal of Antibiotics (1996), 49(9), 890-899  
CODEN: JANTAJ; ISSN: 0021-8820  
PB Japan Antibiotics Research Association  
DT Journal  
LA English

=> d bib 11

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1996:157989 CAPLUS  
DN 124:282995  
TI Synthesis, structure, and structure-activity relationships of divalent  
thrombin inhibitors containing an  $\alpha$ -keto-amide transition-state  
mimetic  
AU Krishnan, Raman; Tulinsky, A.; Vlasuk, George P.; Pearson, Daniel; Vallar,  
Pureza; Bergum, Peter; Brunck, Terence K.; Ripka, William C.  
CS Dep. Chemistry, Michigan State Univ., East Lansing, MI, 48824-1322, USA  
SO Protein Science (1996), 5(3), 422-33  
CODEN: PRCIEI; ISSN: 0961-8368  
PB Cambridge University Press  
DT Journal  
LA English

=> d bib 12

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1996:108206 CAPLUS  
DN 124:250214  
TI Comparison of sustained antithrombotic effects of inhibitors of thrombin  
and factor Xa in experimental thrombosis  
AU Biemond, Bart J.; Friederich, Philip W.; Levi, Marcel; Vlasuk, George P.;  
Buller, Harry R.; ten Cate, Jan W.  
CS Center Hemostasis Thrombosis Atherosclerosis and Inflammation Research,  
Academic Medical Center, Amsterdam, 1105 AZ, Neth.  
SO Circulation (1996), 93(1), 153-60

CODEN: CIRCAZ; ISSN: 0009-7322  
 PB American Heart Association  
 DT Journal  
 LA English

=> d bib 13

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L12 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1995:733186 CAPLUS  
 DN 123:144645  
 TI Preparation of peptide .alpha.-ketoamide derivatives as antithrombotics  
 and for imaging thrombi.  
 IN Abelman, Matthew Mark; Pearson, Daniel Andrew; Vlasuk, George Phillip;  
 Webb, Thomas Roy  
 PA Corvas International, Inc., USA  
 SO PCT Int. Appl., 191 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
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	CA 2158989	AA	19940929	CA 1994-2158989	19940325 <--
	AU 9465255	A1	19941011	AU 1994-65255	19940325 <--
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=> d hitstr 13

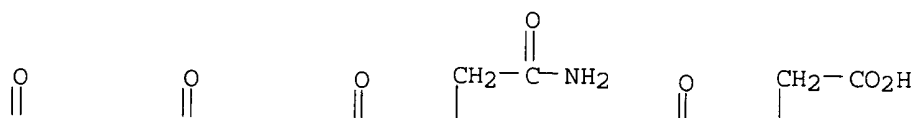
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 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of peptide .alpha.-ketoamide derivs. as antithrombotics and for  
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 RN 166247-65-0 CAPLUS  
 CN L-Leucine, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-

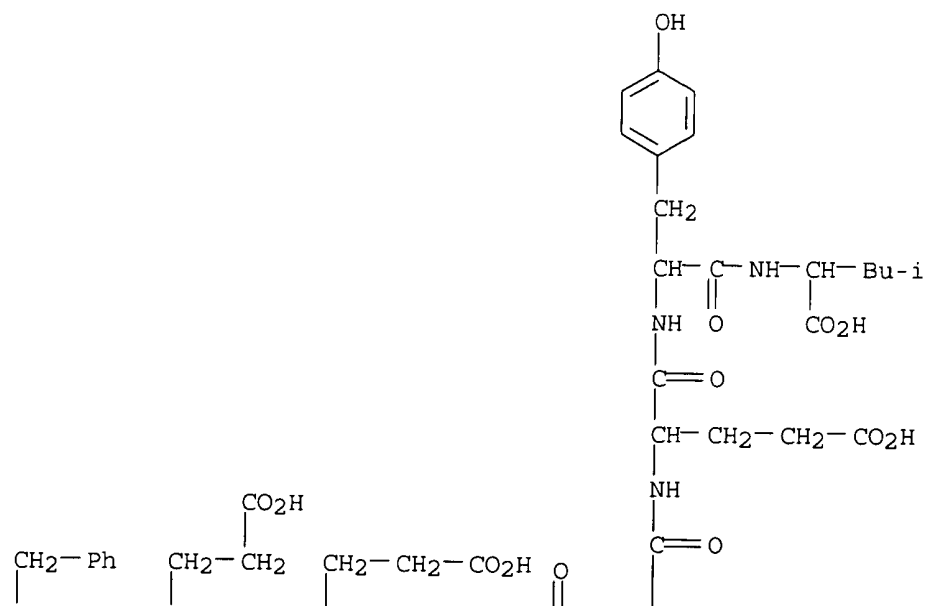




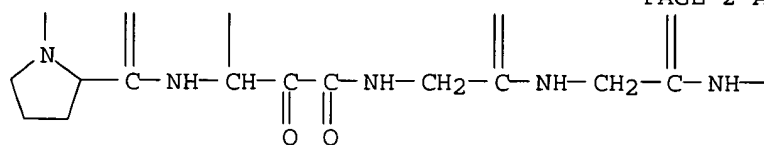
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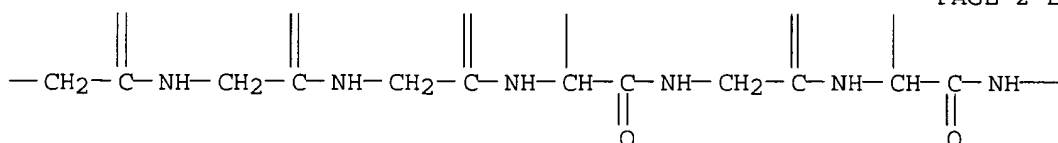
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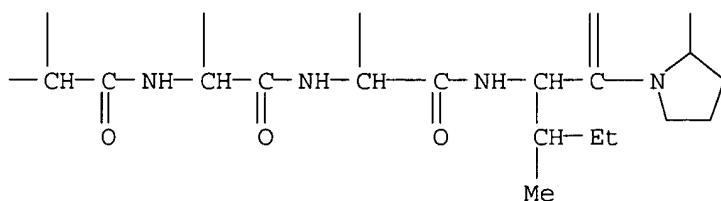
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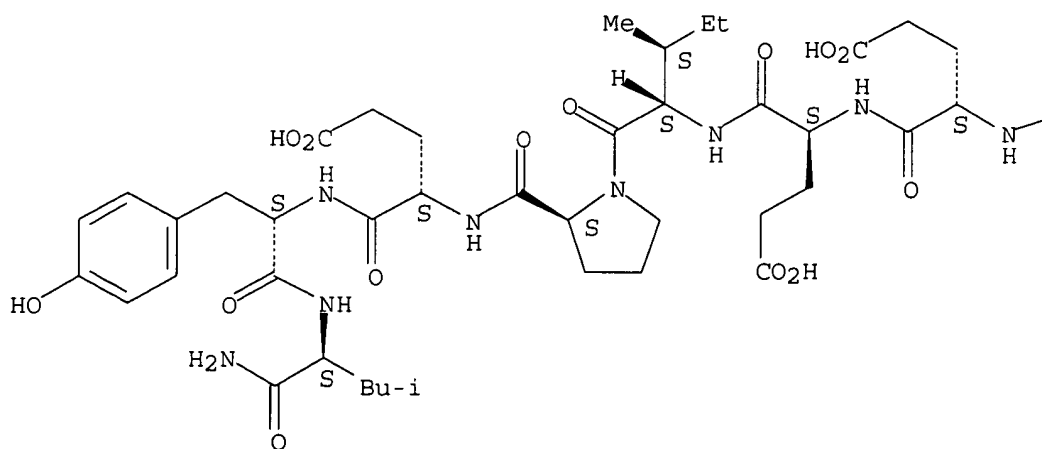


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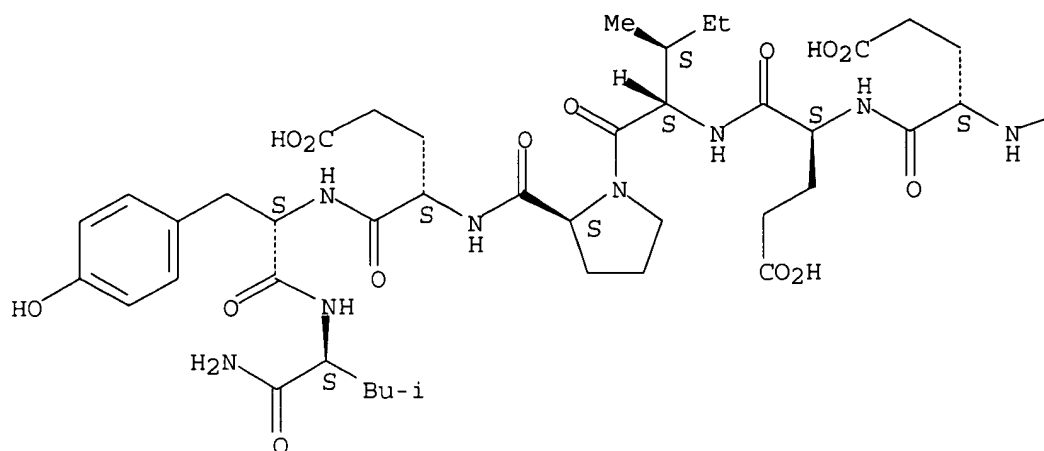
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Absolute stereochemistry.

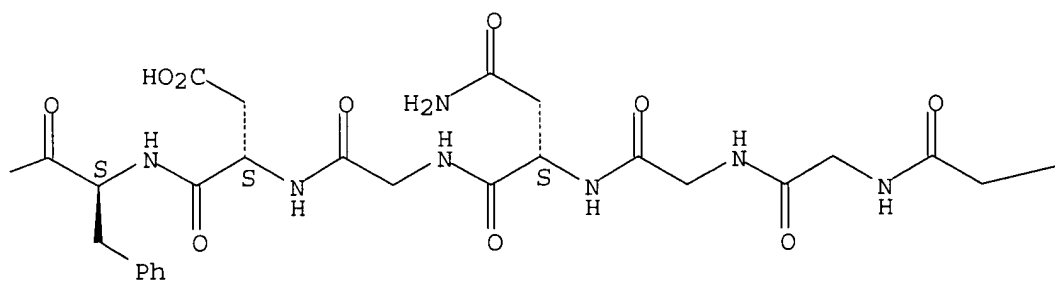
PAGE 1-A



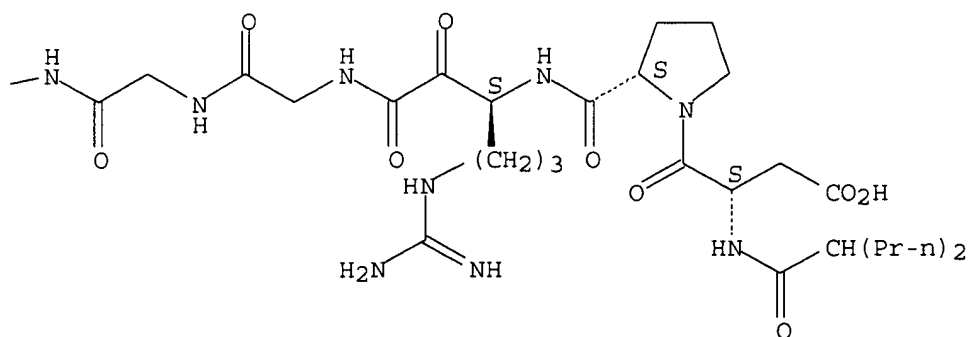
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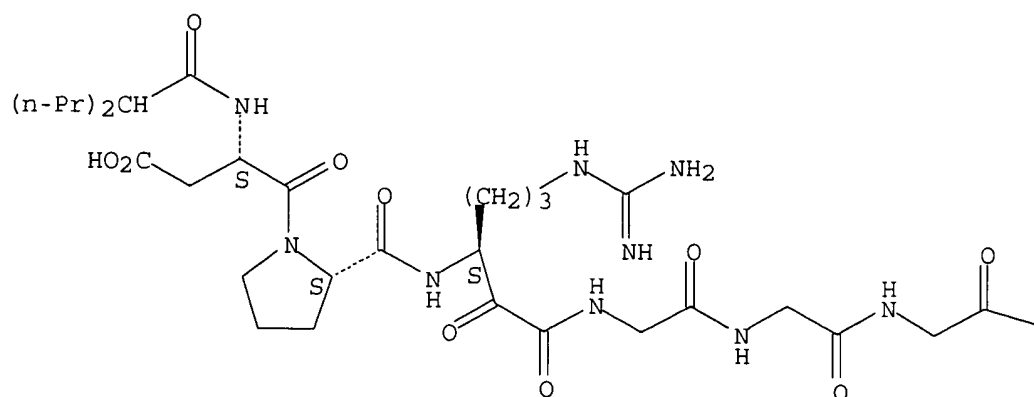


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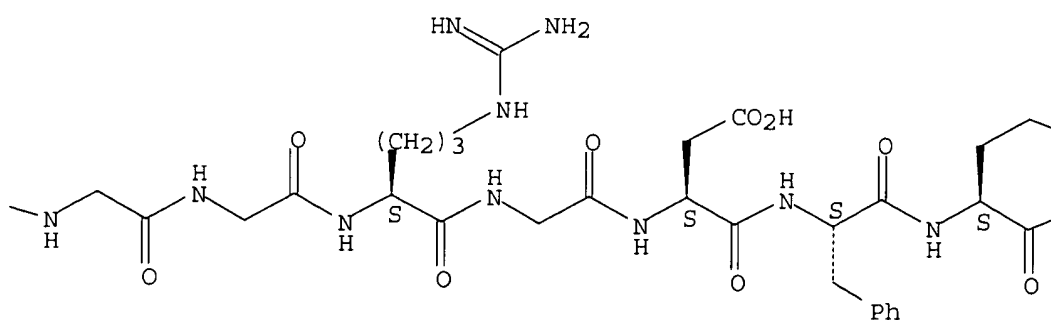
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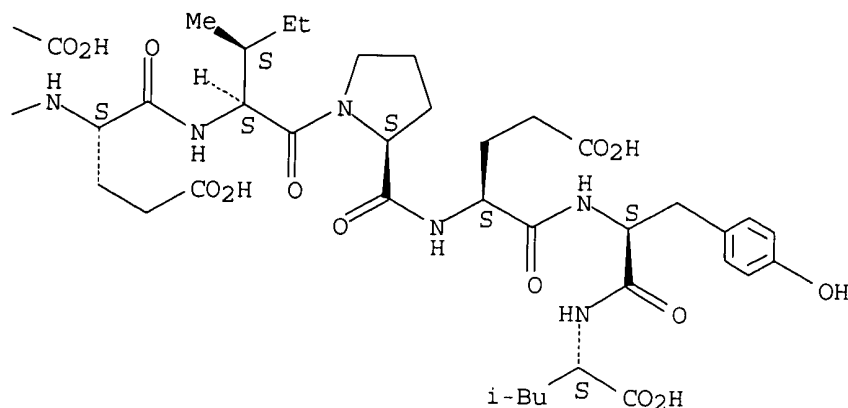
Absolute stereochemistry.

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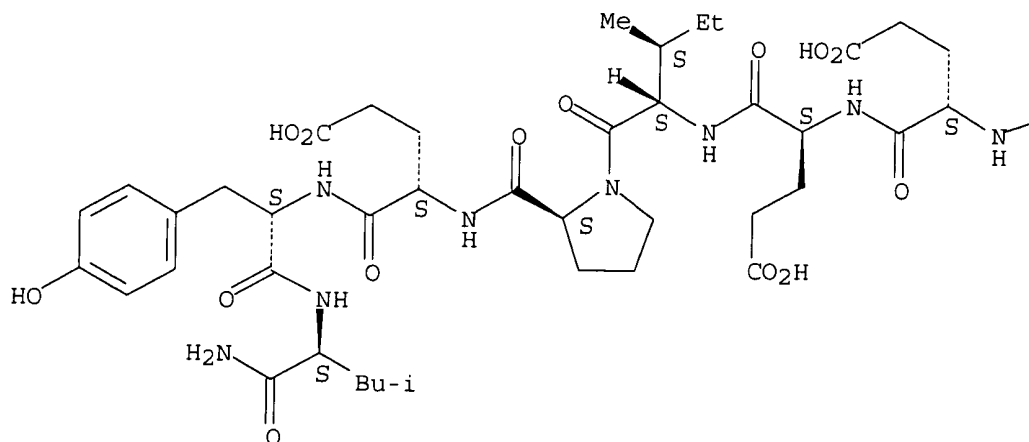




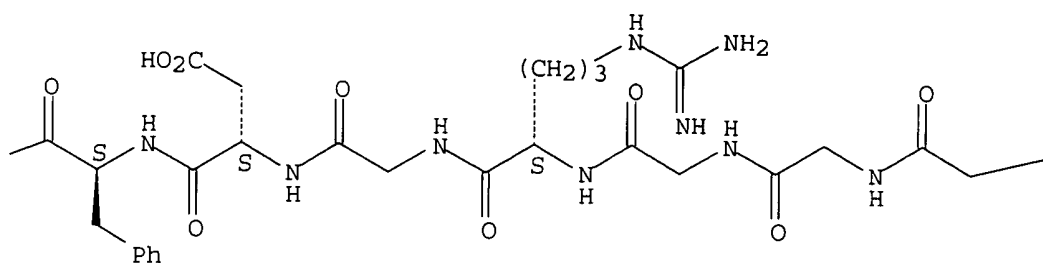
RN 166247-68-3 CAPLUS

CN L-Leucinamide, N-(1-oxo-2-propylpentyl)-L-.alpha.-aspartyl-L-prolyl-N6-(aminoiminomethyl)-2-oxo-(S)-3,6-diaminohexanoylglycylglycylglycylglycylglycyl-L-arginylglycyl-L-.alpha.-aspartyl-L-phenylalanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-prolyl-L-.alpha.-glutamyl-L-tyrosyl-(9CI) (CA INDEX NAME)

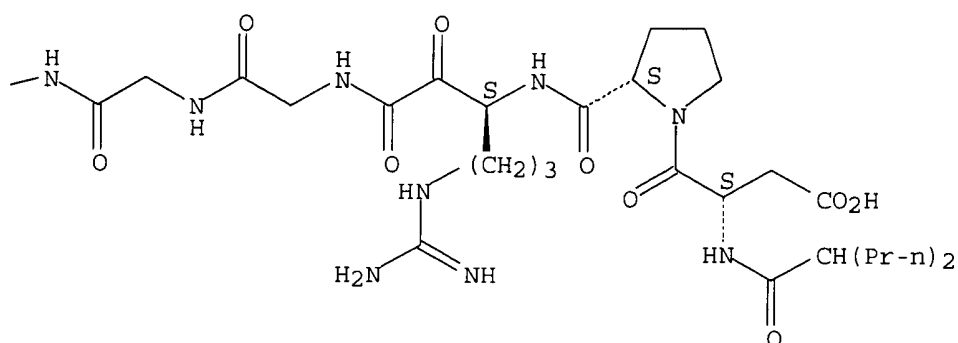
Absolute stereochemistry.



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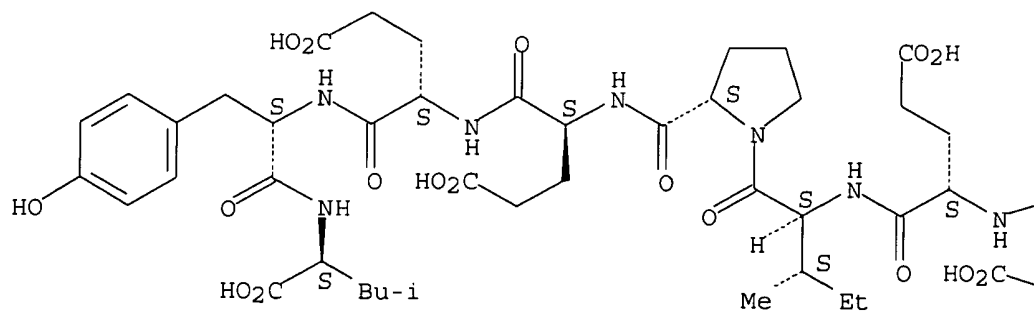


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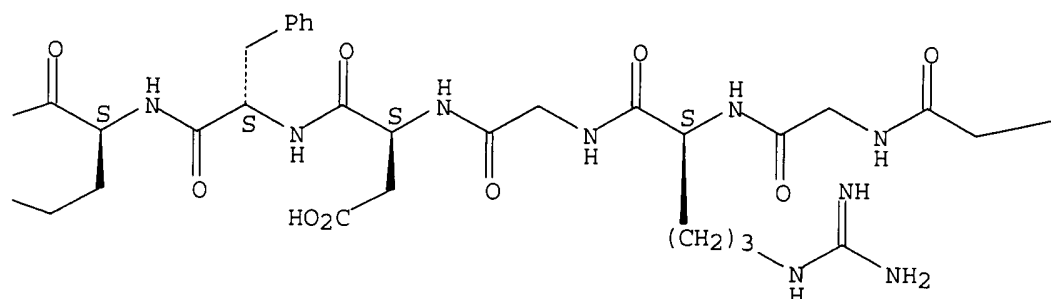
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Absolute stereochemistry.

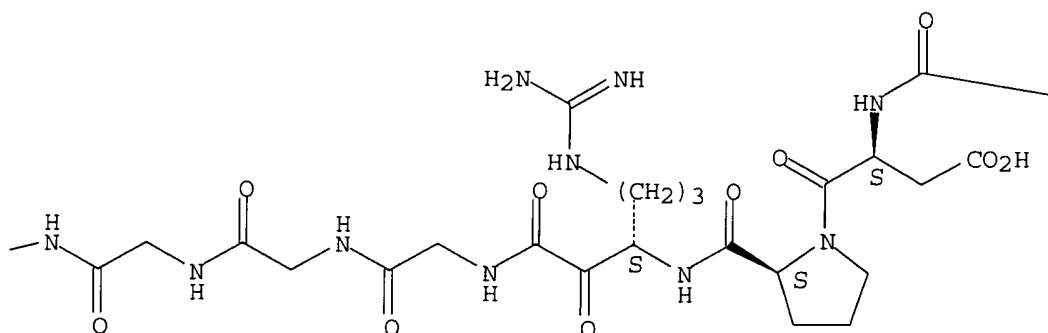
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—CH(Pr-n)<sub>2</sub>

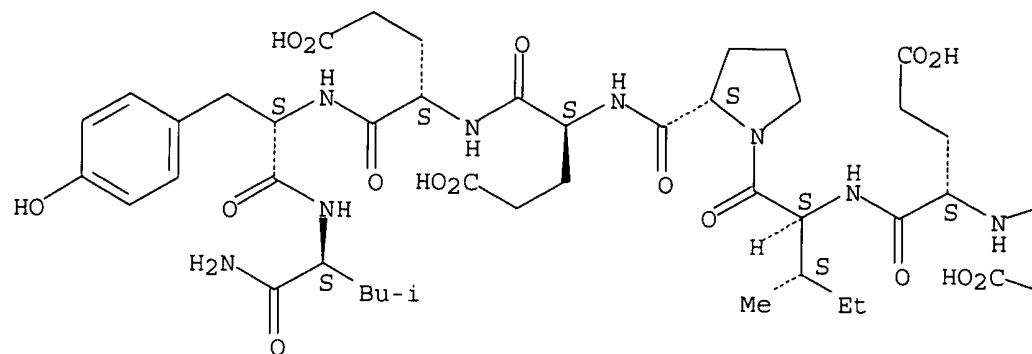
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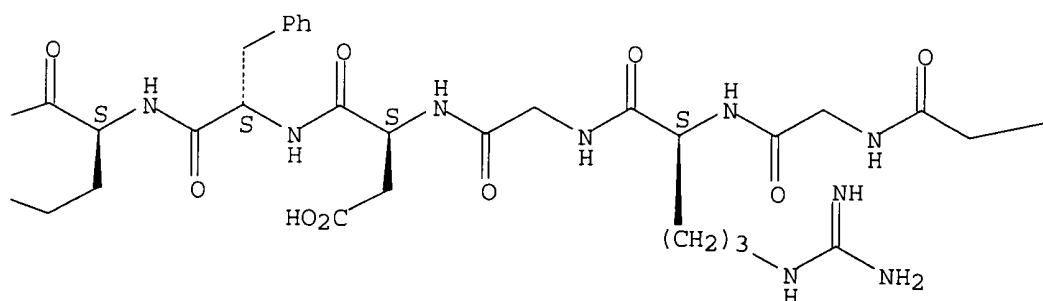
Absolute stereochemistry.



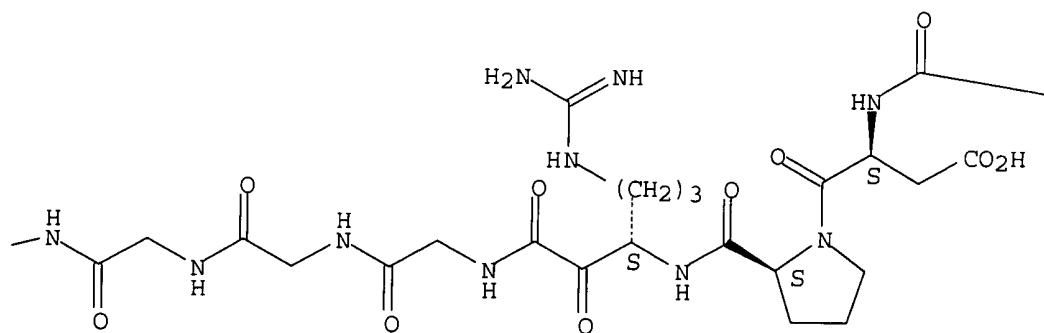
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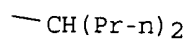
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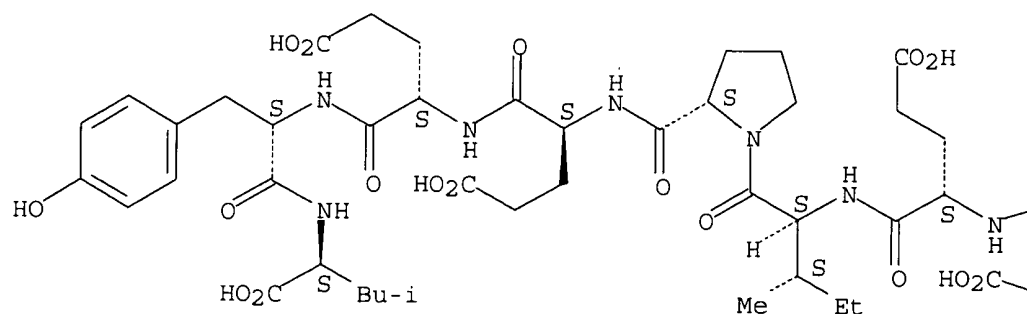


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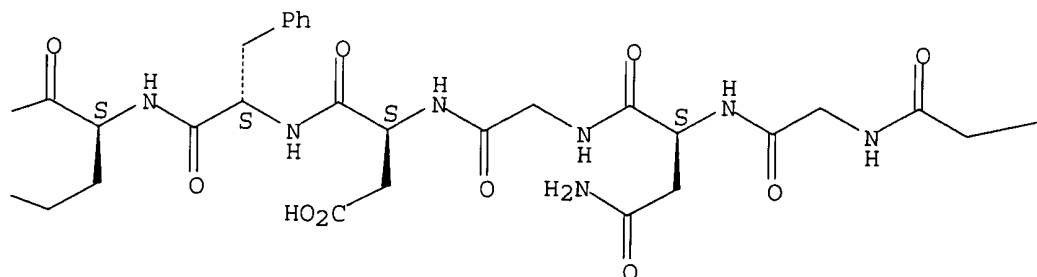
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Absolute stereochemistry.

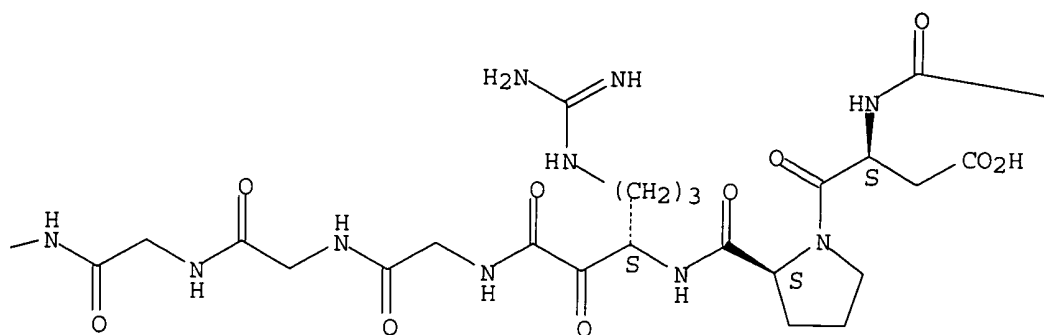
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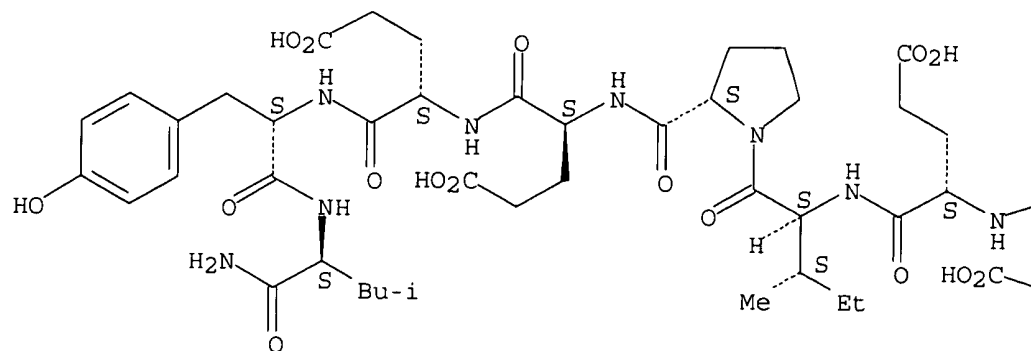
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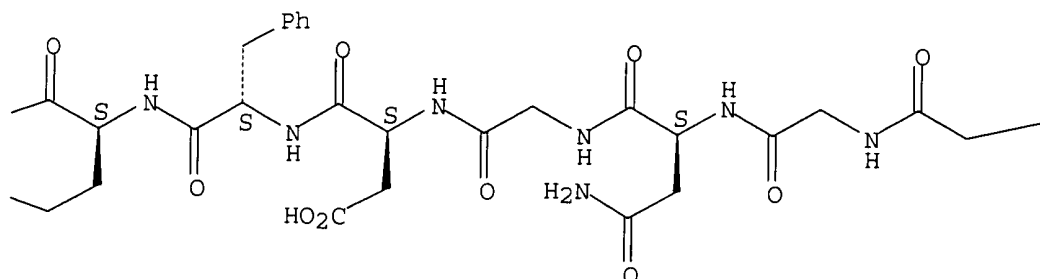
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Absolute stereochemistry.

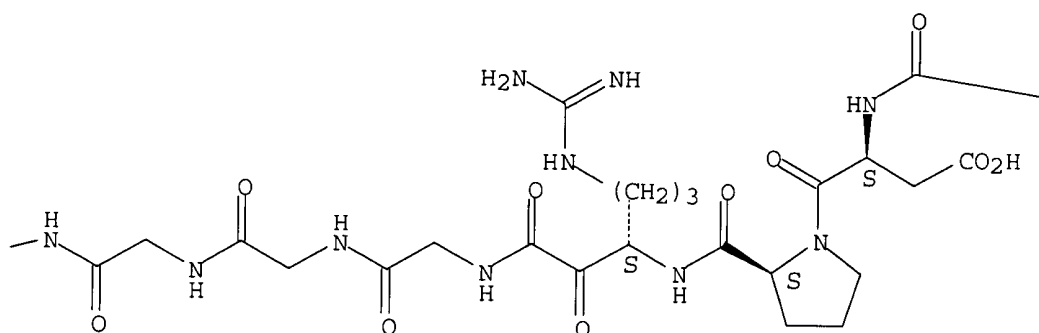
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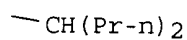
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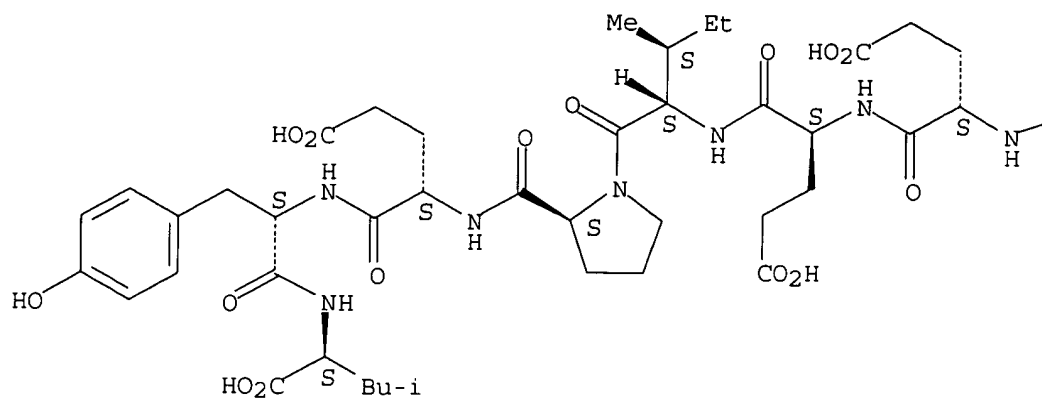
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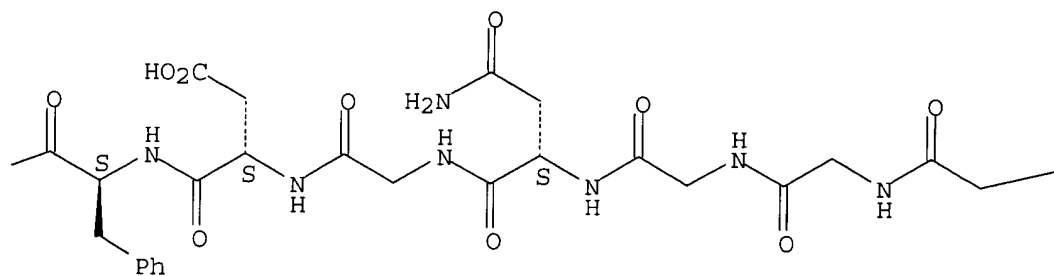
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Absolute stereochemistry.

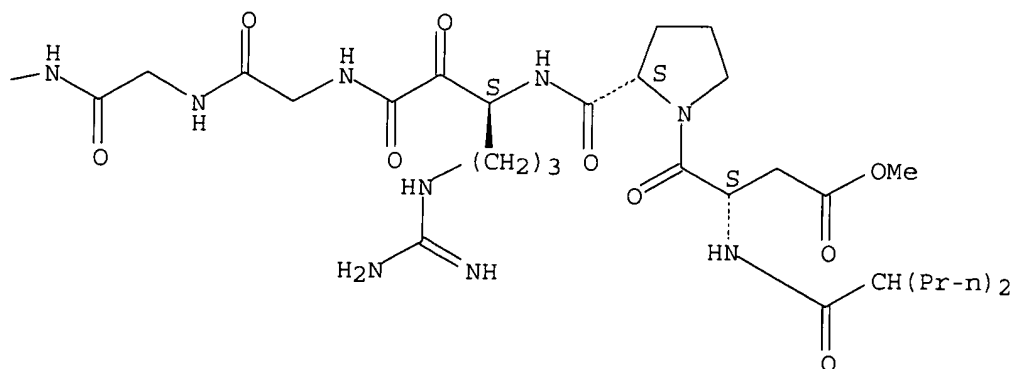
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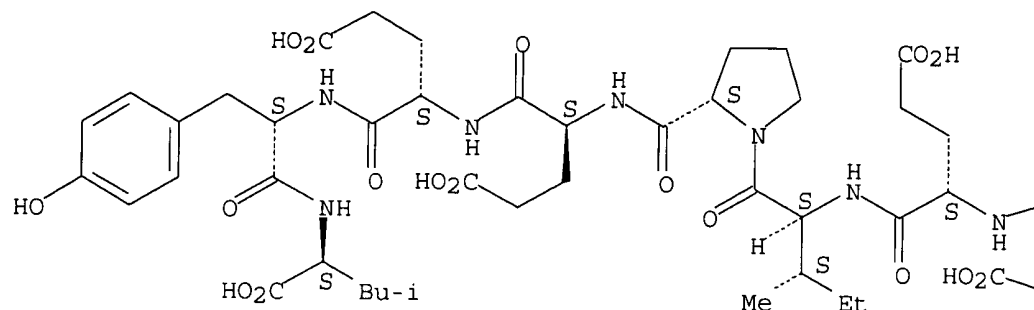


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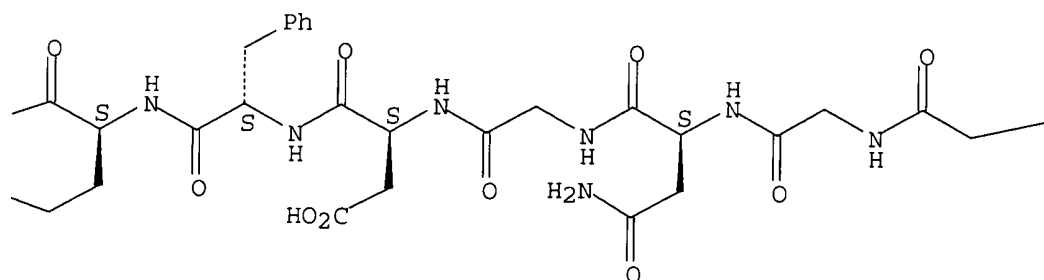
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Absolute stereochemistry.

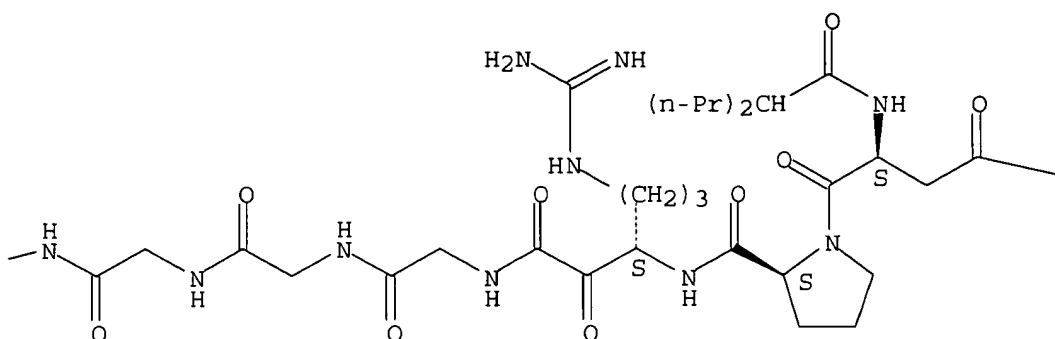
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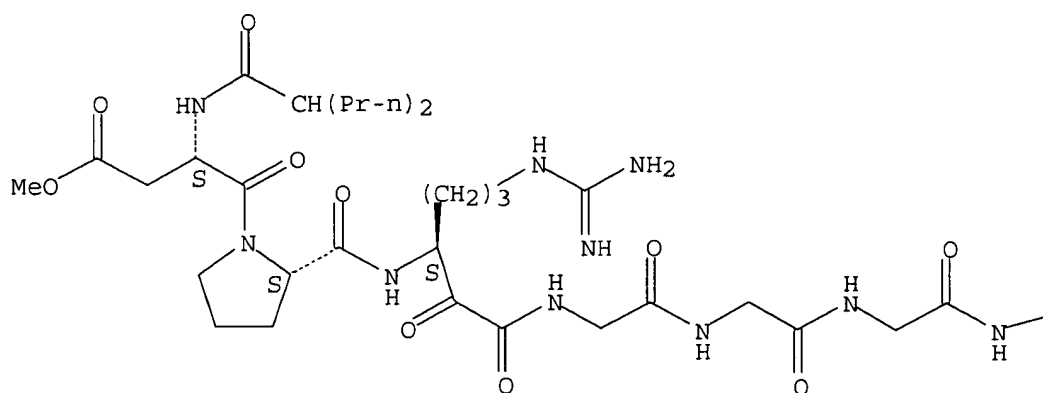
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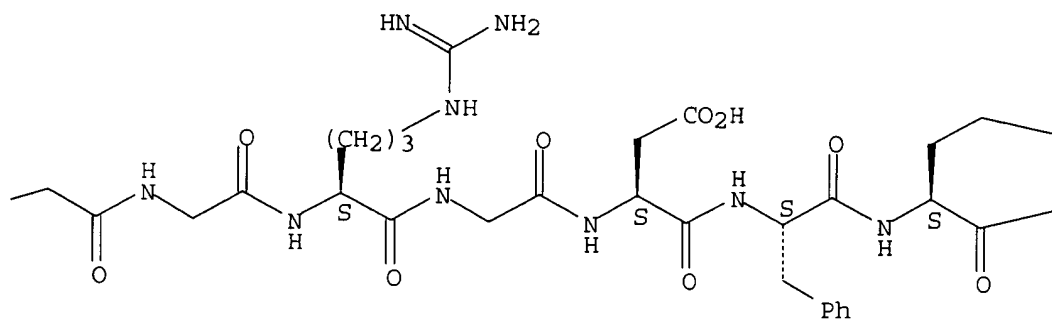
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Absolute stereochemistry.

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